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1936 · · · · Catalogue No. 49

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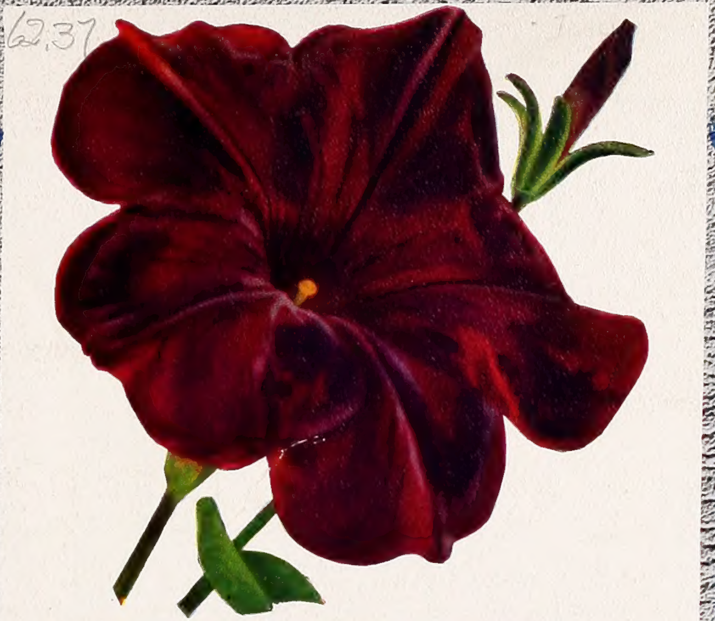
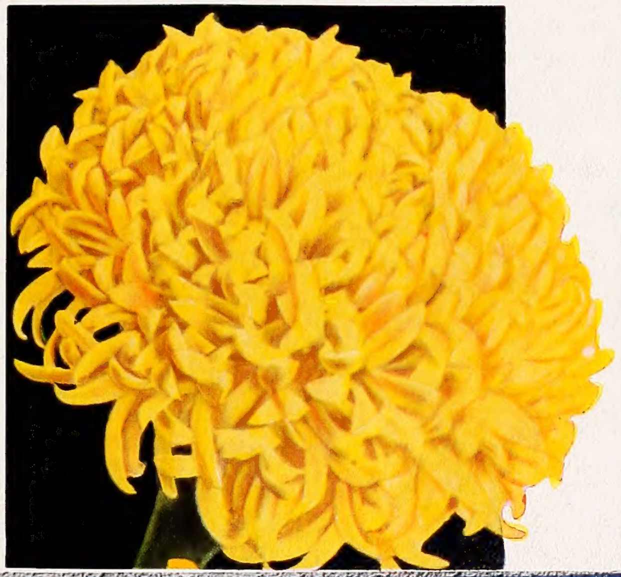


PETUNIA HYBRIDA
Flaming Velvet
Gold Medal
1936 All-America Seed Selections
Packet 25 cts.
(See page 5)



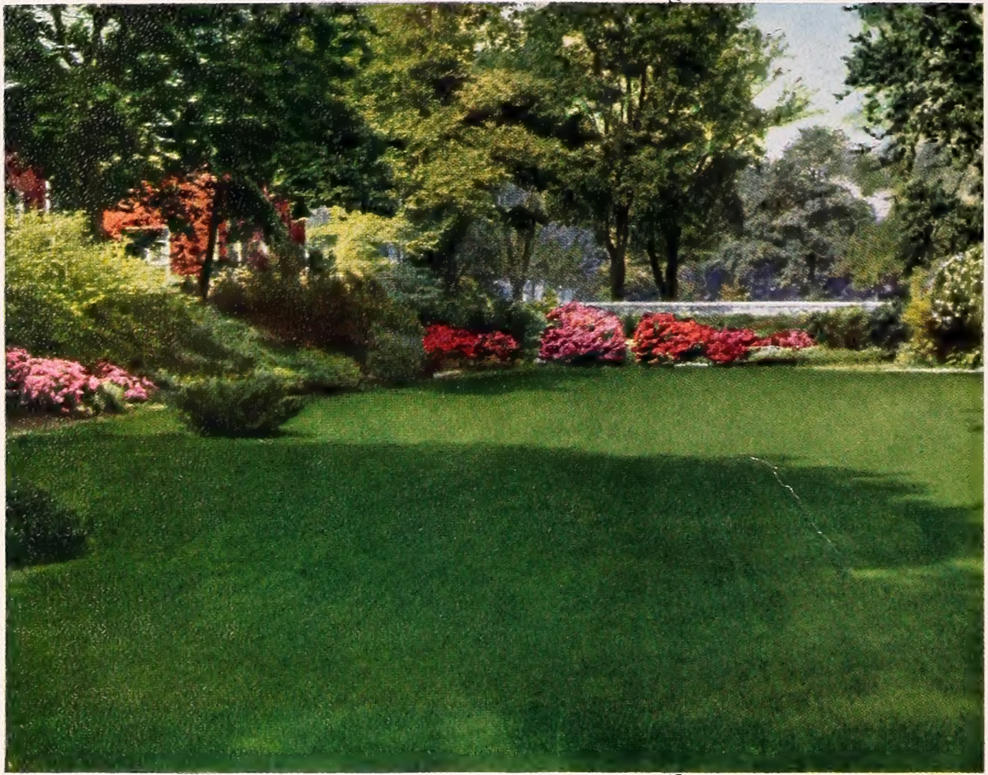
MARIGOLD
Dixie Sunshine
Award of Merit
1936 All-America Seed Selections
Packet 25 cts.
(See page 6)

Farm and Garden Supplies

SINCE 1860

GRIFFITH & TURNER CO.

205-215 N. Paca St. [Branch: 30 S. Calvert St.] BALTIMORE, MD.



The Lawn

Making and Maintaining a Lawn

Early spring and late summer are most favorable for making or renovating a lawn. Dig the soil to a depth of 6 inches, and pulverize thoroughly. Apply G. & T. Co.'s Grass Fertilizer at the rate of 100 pounds per 2,000 square feet, and rake in well. Sow one of our Special Lawn Formulas at the rate of 1 pound for every 200 square feet, and then rake very lightly, after which roll. Under favorable conditions the grass should germinate in about 10 days. Do not sprinkle a new lawn with water for the first three weeks, unless the seeding is followed by very hot, dry weather, but after this time it should be watered as required. An application of our Grass Fertilizer each year, using half the quantity suggested above, will keep your grass in a healthy condition.

Grass Seed Mixtures

G. & T. CO.'S IMPERIAL TURF MIXTURE. This superb grass seed is correctly proportioned to give that Old English effect, and is noted for its complete adaptability to variations in soil, climate, and other conditions. Weighs over 25 pounds to the measured bushel, which is an exceptional weight for lawn seed, and heavy seed means pure seed of highest quality, free from weeds and chaff. Lb. 45 cts.; 3 lbs. $1.30; 5 lbs. $2.10; 10 lbs. $4; 20 lbs. $7.60; 100 lbs. $36.

G. & T. CO.'S EVERGREEN LAWN GRASS. We recommend this for large areas. It is composed of fine recleaned grasses and White Dutch Clover of the highest purity and vitality, carefully proportioned to give a green lawn throughout the summer. Weighs 22 pounds to the measured bushel. Lb. 35 cts.; 3 lbs. $1; 5 lbs. $1.65; 10 lbs. $3.10; 20 lbs. $6; 100 lbs. $28.

G. & T. CO.'S BENT FORMULA. Composed of varieties which will make a permanent, luxuriant turf, finer in texture than a lawn of the ordinary type. Containing a liberal proportion of Creeping Bent Grass, it is deep, rich green in color and produces the effect of a soft rug, enduring from early spring until covered by snow. Weighs 28 pounds to the measured bushel. Lb. 60 cts.; 3 lbs. $1.70; 5 lbs. $2.75; 10 lbs. $5.25; 20 lbs. $10; 100 lbs. $48.

G. & T. CO.'S SHADY NOOK GRASS. A mixture of the shade-tolerant grasses, properly blended, that will do well under trees and other shady nooks in the garden. Sow seed at the rate of one pound to every 200 square feet, and apply lime, 50 pounds to every 1,000 square feet. In very stubborn cases it may be necessary to renovate for several years to obtain a rich green sward. If so, add lime each fall, as directed above, and sow seed at the rate of one pound to every 300 square feet. Lb. 45 cts.; 3 lbs. $1.30; 5 lbs. $2.10; 10 lbs. $4; 20 lbs. $7.60; 100 lbs. $36.

Keep your lawn growing luxuriantly by applying, each spring and fall

G. & T. Co.'s GRASS FERTILIZER

5 lbs.	$0.35	25 lbs.	$1.25
10 lbs.	.60	50 lbs.	2.00
100 lbs.	$3.50		

G. & T. CO.'S TERRACE SOD MIXTURE. A mixture of grasses that will produce strong, spreading roots, withstanding drought and sun, and thriving on shallow soils. If slope is very severe, sow along with each pound of seed 1 quart of oats for every 100 square feet of lawn, to help prevent washing by heavy rains. Lb. 45 cts.; 3 lbs. $1.30; 5 lbs. $2.10; 10 lbs. $4; 20 lbs. $7.60; 100 lbs. $36.

G. & T. CO.'S SEASHORE LAWN GRASS. A mixture of grasses that are especially suitable for lawns at the seashore. In preparing the soil, work in a liberal amount of sheep manure and top-dress with about 4 inches of good top-soil, as grasses will not grow well in pure sand. Lb. 50 cts.; 3 lbs. $1.45; 5 lbs. $2.35; 10 lbs. $4.50; 20 lbs. $8.40; 100 lbs. $40.

PARK LAWN GRASS (Low-priced Mixture). This is a commercial mixture of good-quality grass seed frequently sold at a higher price. We recommend it only where a fine and durable lawn is not required. Lb. 25 cts.; 100 lbs. $20.

WHITE DUTCH CLOVER. ¼lb. 15 cts.; ½lb. 25 cts.; lb. 45 cts.; 10 lbs. $4.

Separate varieties of Grasses described on page 40

GRIFFITH & TURNER COMPANY, Baltimore, Md.

1936 FARMING AND GARDEN SUPPLIES SINCE 1860 **1936**

◆ **Annual Catalog No. 49** ◆

GENERAL INFORMATION FOR OUR CUSTOMERS

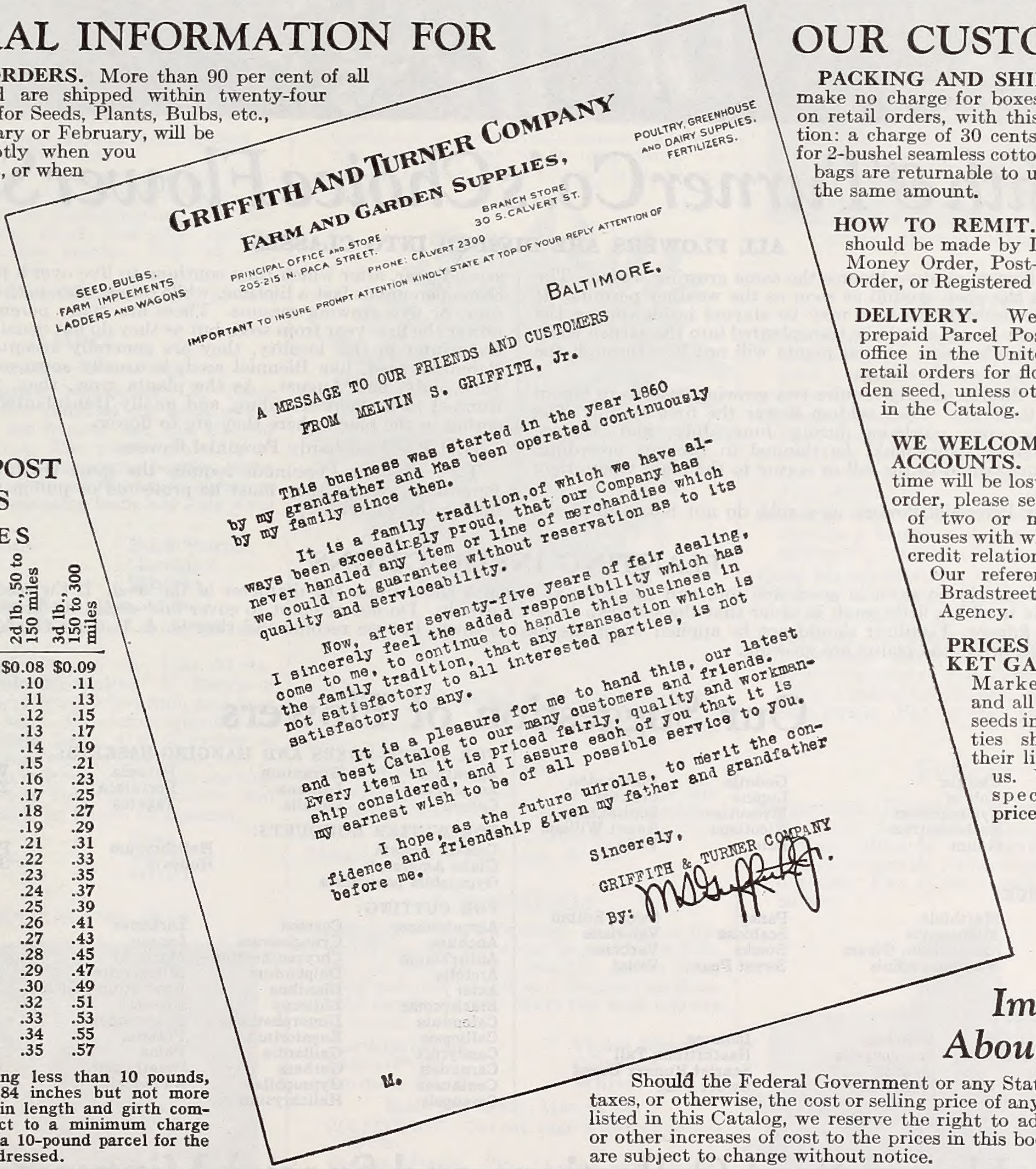
FILLING ORDERS. More than 90 per cent of all orders received are shipped within twenty-four hours. Orders for Seeds, Plants, Bulbs, etc., placed in January or February, will be shipped promptly when you want the goods, or when the season for planting arrives, if you prefer.

PARCEL POST RATES

ZONES

Weight in pounds	Local	1st lb., up to 50 miles	2d lb., 50 to 150 miles	3d lb., 150 to 300 miles
1..	$0.07	$0.08	$0.08	$0.09
2..	.08	.10	.10	.11
3..	.08	.11	.11	.13
4..	.09	.12	.12	.15
5..	.09	.13	.13	.17
6..	.10	.14	.14	.19
7..	.10	.15	.15	.21
8..	.11	.16	.16	.23
9..	.11	.17	.17	.25
10..	.12	.18	.18	.27
11..	.12	.19	.19	.29
12..	.13	.21	.21	.31
13..	.13	.22	.22	.33
14..	.14	.23	.23	.35
15..	.14	.24	.24	.37
16..	.15	.25	.25	.39
17..	.15	.26	.26	.41
18..	.16	.27	.27	.43
19..	.16	.28	.28	.45
20..	.17	.29	.29	.47
21..	.17	.30	.30	.49
22..	.18	.32	.32	.51
23..	.18	.33	.33	.53
24..	.19	.34	.34	.55
25..	.19	.35	.35	.57

Parcels weighing less than 10 pounds, measuring over 84 inches but not more than 100 inches in length and girth combined, are subject to a minimum charge equal to that for a 10-pound parcel for the zone to which addressed.



GRIFFITH AND TURNER COMPANY

FARM AND GARDEN SUPPLIES,

SEED, BULBS,
FARM IMPLEMENTS
LADDERS AND WAGONS

PRINCIPAL OFFICE AND STORE
205-215 N. PACA STREET.

BRANCH STORE
30 S. CALVERT ST.

PHONE: CALVERT 2300

POULTRY, GREENHOUSE
AND DAIRY SUPPLIES.
FERTILIZERS.

IMPORTANT TO INSURE PROMPT ATTENTION KINDLY STATE AT TOP OF YOUR REPLY ATTENTION OF

BALTIMORE.

A MESSAGE TO OUR FRIENDS AND CUSTOMERS
FROM MELVIN S. GRIFFITH, Jr.

This business was started in the year 1860 by my grandfather and Has been operated continuously by my family since then.

It is a family tradition, of which we have always been exceedingly proud, that our Company has never handled any item or line of merchandise which we could not guarantee without reservation as to its quality and serviceability.

Now, after seventy-five years of fair dealing, I sincerely feel the added responsibility which has come to me, to continue to handle this business in the family tradition, that any transaction which is not satisfactory to all interested parties, is not satisfactory to any.

It is a pleasure for me to hand this, our latest and best Catalog to our many customers and friends. Every item in it is priced fairly, quality and workmanship considered, and I assure each of you that it is my earnest wish to be of all possible service to you.

I hope, as the future unrolls, to merit the confidence and friendship given my father and grandfather before me.

Sincerely,

GRIFFITH & TURNER COMPANY

By:

M.

PACKING AND SHIPPING. We make no charge for boxes and packing on retail orders, with this single exception: a charge of 30 cents each is made for 2-bushel seamless cotton bags. These bags are returnable to us for credit in the same amount.

HOW TO REMIT. Remittance should be made by Draft, Express Money Order, Post-Office Money Order, or Registered Letter.

DELIVERY. We deliver by prepaid Parcel Post to any post office in the United States, all retail orders for flower and garden seed, unless otherwise noted in the Catalog.

WE WELCOME CHARGE ACCOUNTS. So that no time will be lost on your first order, please send the names of two or more business houses with whom you have credit relations at present. Our references, Dun & Bradstreet Mercantile Agency.

PRICES TO MARKET GARDENERS. Market gardeners and all purchasers of seeds in large quantities should submit their list of seeds to us. We will quote special quantity prices promptly.

Important About Prices

Should the Federal Government or any State increase by taxes, or otherwise, the cost or selling price of any merchandise listed in this Catalog, we reserve the right to add such taxes or other increases of cost to the prices in this book. All prices are subject to change without notice.

NON-WARRANTY. Our seeds are carefully selected and are the best that can be obtained. For your further protection, we test all seeds before placing them on the market. Because success in gardening depends largely on cultivation, soil, and weather conditions, Griffith & Turner Company give no warranty, expressed or implied, as to description, purity, productiveness, or any other matter of any seeds or bulbs we sell, and we will not be in any way responsible for the crop. Every order for these articles received will be accepted on these conditions only.

WEIGHT OF AGRICULTURAL SEED PER BUSHEL AND QUANTITY USUALLY SOWN PER ACRE

Wt. per bushel	Variety	Time to sow	Quantity per acre
48 lbs.	Barley	Aug.–Nov.	96 lbs.
48 lbs.	Buckwheat	June–Aug. 15	1 bus.
60 lbs.	Clover, Alfalfa	March–April, Aug.–Oct. 15	20–25 lbs.
60 lbs.	Clover, Alsike	Feb.–March, Aug.	8 lbs.
60 lbs.	Clover, Crimson	July–Sept.	15 lbs.
60 lbs.	Clover, Sweet	March–April, Aug.–Sept.	15–20 lbs.
60 lbs.	Clover, Red	Feb.–March	10–12 lbs.
60 lbs.	Clover, White (alone)	March–April, Aug.–Sept.	6 lbs.
56 lbs.	Corn (for soiling)	May	1– 2 bus.
20 lbs.	Evergreen Lawn Grass	March–April, Aug.–Sept.	4 bus.
56 lbs.	Field Corn (in hills)	May	4– 6 qts.
50 lbs.	German Millet	May–Aug. 1	50–75 lbs.
14 lbs.	Kentucky Blue Grass	April–May, Aug.–Sept.	42 lbs.
14 lbs.	Orchard Grass	April–May, Aug.–Sept.	42 lbs.
32 lbs.	Oats, Spring	March–April	75 lbs.
32 lbs.	Oats, Winter	March, Aug.–Oct.	50–75 lbs.
14 lbs.	RedTop (unhulled)	April–May, Aug.–Sept.	42 lbs.
32 lbs.	RedTop, Fancy	April–May, Aug.–Sept.	12 lbs.
60 lbs.	Rape	Feb.–Aug.	4– 6 lbs.
56 lbs.	Rye	Aug.–Nov.	60–80 lbs.
50 lbs.	Sorghum (for fodder)	May–June	50 lbs.
45 lbs.	Timothy (alone)	April–May, Aug.–Sept.	20 lbs.
	Timothy (with other grasses)		12 lbs.
	(Together for an acre: Red Clover, 6 lbs.; Timothy, 12 lbs.)		
60 lbs.	Wheat	Sept.–Nov. 15	100–120 lbs.
60 lbs.	Vetch, Winter (broadcast)	Aug.–Nov.	30 lbs.

Griffith & Turner Co.'s Choice Flower Seeds

ALL FLOWERS ARE DIVIDED INTO CLASSES

A.—Annual flowers produce blooms the same growing season. The seed is sown in the open ground as soon as the weather permits. If early plants are desired, the seed may be started inside during the late winter. These plants should be transplanted into the garden when all danger of frost is past. Annual plants will not live through the following winter.

B.—Biennial flowers usually require two growing seasons to bloom and complete their life. They seldom flower the first season. The seed is usually sown outdoors during June, July, and August. As the plants grow, they should be thinned to prevent crowding, and finally transplanted in the fall or spring to the place where they are to flower.

H.P.—Hardy Perennial flowers, as a rule, do not bloom until the second year, after which they continue to live over a period of years. Some perennials last a lifetime, while others may perish within three, four, or five growing seasons. There are many perennials that will flower the first year from seed, but as they do not usually live through the winter in this locality, they are generally accepted as annuals. Perennial seed, like Biennial seed, is usually sown outdoors during June, July, and August. As the plants grow, they, too, should be thinned to prevent crowding, and finally transplanted in the fall or spring to the place where they are to flower.

H.H.P.—Half-hardy Perennial flowers.

T.P.—Tender Perennials require the same treatment as Hardy Perennials, except they must be protected or put in the greenhouse during the winter.

PLANTING INSTRUCTIONS

Flower seed should be sown in good rich soil, and generally at a depth three times the diameter of the seed. If the seed is very small, it is best to mix it with a little sand, in order that the seed can be sown evenly. Do not attempt to cover fine seeds, but press them into the soil with your fingers. Fertilizer should not be applied when the seed is sown, but we recommend that G. & T. Co.'s Garden Fertilizer be applied regularly while the plants are growing.

Our Suggestion of Flowers

FOR SHADE:

Anchusa
Aquilegia
Alyssum
Bellis
Campanula
Centaurea
Clarkia
Coleus
Cynoglossum
Eschscholtzia
Geum
Godetia
Lupine
Myosotis
Nicotiana
Pansy
Platycodon
Primula
Schizanthus
Sweet William
Viola

FOR FRAGRANCE:

Alyssum
Candytuft
Carnation
Heliotrope
Lupine
Matthiola
Mignonette
Nasturtium, Gleam
Nicotiana affinis
Pansy
Scabiosa
Stocks
Sweet Peas
Sweet Sultan
Valeriana
Verbena
Violet

CLIMBING VINES:

Balloon Vine
Canary-Bird Flower
Cardinal Climber
Cobæa
Cypress Vine
Dolichos
Echinocystis
Gourds
Humulus
Ipomœa
Nasturtium, Tall
Scarlet Runner Beans
Sweet Peas

FOR PORCH-BOXES AND HANGING-BASKETS:

Ageratum
Asparagus
Coleus
Geranium
Lantana
Lobelia
Petunia
Portulaca
Tagetes
Verbena
Zinnia

FOR WINTER BOUQUETS:

Celosia cristata
Globe Amaranth
Gypsophila paniculata
Helichrysum
Honesty
Physalis
Statice

FOR CUTTING:

Agrostemma
Anchusa
Antirrhinum
Arctotis
Aster
Brachycome
Calendula
Calliopsis
Candytuft
Carnation
Centaurea
Coreopsis
Cosmos
Cynoglossum
Chrysanthemum
Delphinium
Dianthus
Didiscus
Dimorphotheca
Eupatorium
Gaillardia
Gerbera
Gypsophila
Helichrysum
Larkspur
Lupine
Marigold
Mignonette
Nasturtium, Gleam
Nigella
Pentstemon
Petunia
Phlox
Pyrethrum
Rudbeckia
Salpiglossis
Scabiosa
Stocks
Sweet Peas
Tritoma
Trollius
Ursinia
Valeriana
Verbena
Veronica
Zinnia

Flower Seed Collections and Special Mixtures

COLLECTIONS:

G. & T. Co.'s Annual Garden Collection. Ten popular, easily grown varieties. **1 pkt. of each, 75 cts.**

G. & T. Co.'s Rock-Garden Collection. Ten popular, easily grown varieties. **1 pkt. of each, $1.**

G. & T. Co.'s Perennial Garden Collection. Ten popular, easily grown varieties. **1 pkt. of each, $1.**

Many other collections of outstanding value are listed throughout our flower-seed and bulb sections.

MIXTURES:

G. & T. CO.'S ROCK-GARDEN MIXTURE. A mixture of dwarf annual and perennial seeds that are suitable for rock-gardens. A quick and inexpensive method of seeding your rock-garden. **Pkt. 10 cts.; large pkt. 25 cts.; 5 large pkts. $1.**

G. & T. CO.'S PERENNIAL GARDEN MIXTURE. A mixture of the best perennial flower seeds—an inexpensive way of starting a complete perennial garden. **Pkt. 10 cts.; large pkt. 25 cts.; 5 large pkts. $1.**

G. & T. CO.'S ANNUAL GARDEN MIXTURE. A mixture of annual flower seeds for broadcasting in beds, corners, embankments, and other bare spots. Produces a mass of color, blooming all summer. **Pkt. 10 cts.; oz. 25 cts.; 5 ozs. $1.**

Noveltics and Specialties for 1936

Anagallis (Pimpernel)

Cærulea. A. Completely covered during the greater part of the summer with beautiful gentian-blue blooms. The flowers close on the approach of bad weather, and open wide when clear weather is due. Sometimes called "Poor Man's Weatherglass." Height, 10 inches. Pkt. 10 cts.; ¼oz. 35 cts.

Rustproof Antirrhinums

Snapdragons (H.P.)

Certificate of Honor, 1935 All-America Seed Selections

This new strain is disease-resistant, eliminating the trouble you may have had in the past when growing Snapdragons. We offer these in crimson, pearl, rose-pink, canary-yellow, and bronze shades. Pkt. 35 cts.; 3 pkts. $1; 1/16oz. $2.

California De Luxe Mixture. Pkt. 25 cts.; 5 pkts. $1.

Asters

Midseason-blooming

California Giants, Improved. A. These beautiful Asters stand at the head of the list not only for florists' use, but also for private gardens. The plants grow 2½ to 3 feet high, with long stems bearing large, curled, and interlaced flowers 5 inches or more across, blooming from late July until frost.

Apple Blossom
Light Blue
Deep Rose
Dark Purple
Carmine
White

Each, pkt. 15 cts.; ⅛oz. 60 cts.

COLLECTION: One pkt. each of above 6 varieties, 75 cts.

Finest Mixed. Pkt. 15 cts.; ⅛oz. 50 cts.

Giant California Sunshine. A. Plants of this new variety grow 3 feet high and bear blossoms on long, stiff stems; splendid for cutting. Flowers large, 4 to 5 inches in diameter. Colors remarkably beautiful. A two-tone effect is obtained through the contrasting colors of the disc-like center and the outer petals. In bloom all summer.

Flesh-Pink
Salmon-Pink
Purple
Light Blue
Rose
White
Mixed

Each, pkt. 15 cts.; ⅛oz. 50 cts.

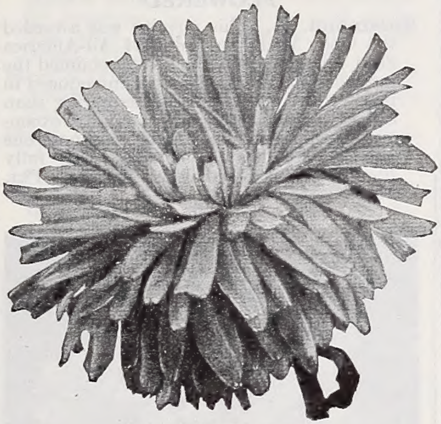
Asters, Giant California Sunshine

Calendula

Campfire (Sensation). A. Considered the best forcing Calendula. The blooms are larger than any other type. The flowers are dark orange with a scarlet sheen. Pkt. 10 cts.; ¼oz. 50 cts.; oz. $1.50.

Golden Radio. A. Flowers very double, of a rich golden orange with petals beautifully quilled. Pkt. 10 cts.; ¼oz. 30 cts.

Chrysantha. A. Gold Medal, 1934 All-America Seed Selections. An entirely new type of Calendula, bearing a striking resemblance to the chrysanthemum. Flowers rich buttercup-yellow, on long stems. An ideal cut-flower. Pkt. 10 cts.; ¼oz. 40 cts.; oz. $1.



Calendula, Chrysantha

New Annual Campanulas

These new Canterbury Bells will bloom the first year.

Angelus Bell. Deep rose.

Liberty Bell. Award of Merit, 1934 All-America Seed Selections. Deep violet-blue.

Each, pkt. 15 cts.; ⅛oz. 60 cts.

Mixed. Pkt. 10 cts.; ⅛oz. 50 cts.

Carnations

Chabaud's Giant Double. A. Plants upright, bearing numerous large double flowers on long stems. Readily grown from seed and just as full and fragrant as those sold by the florist. Start the seed indoors in boxes.

Cardinal-Red
Flesh-Pink
Salmon-Rose
Violet Shades
Crimson
White

Each, pkt. 15 cts.; ⅛oz. 40 cts.

COLLECTION: One pkt. each of above 6 colors, 75 cts.

Finest Mixed. Pkt. 15 cts.; ⅛oz. 30 cts.

Cosmos

Klondyke, Orange Flare. A. Gold Medal, 1935 All-America Seed Selections. An early-flowering type with vivid orange flowers and attractive light green foliage. Pkt. 25 cts.; ¼oz. 75 cts.

Dahlia

Unwin's Dwarf Bedding, Mixed. A. This new race can be easily grown from seed and blooms in about 3 months. They are extremely free flowering and come in a very wide color-range. Height, about 2 feet. Pkt. 15 cts.; ⅛oz. 60 cts.

Cosmos, Klondyke, Orange Flare

Delphinium

Blackmore & Langdon's Choice Mixture. (Imported Strain.) H.P. A selected English variety with immense spires of very large flowers. Pkt. 25 cts.

Cliveden Beauty. (Improved Belladonna.) H.P. Large flowers and a stronger growing plant are the advantages of this strain over the ordinary Belladonna. Pkt. 25 cts.; ⅛oz. $1.25.

Iceberg. H.P. This beautiful Delphinium reaches a height of 4 feet and bears long spikes of pure white blooms. Pkt. 35 cts.

Gold Medal Mixture. H.P. A choice mixture of the best varieties. Pkt. 15 cts.; ⅛oz. 60 cts.

Wrexham or **Hollyhock Strain.** H.P. Enormous spikes of blooms in all the glorious shades of blue. The graceful spikes are not unlike hollyhocks. A truly magnificent strain. Pkt. 25 cts.; ⅛oz. $1.

Felicia

Bergeriana (Kingfisher Daisy). A. Beautiful blue, daisy-like blooms, with yellow centers, often ¾ inch across. Grass-like foliage. Desirable for rock-gardens. Height, 6 inches. Pkt. 15 cts.; 1/10oz. 60 cts.; ⅛oz. 85 cts.

Annual Campanula

Novelties and Specialties for 1936

Gaillardia

Gaillardia

Indian Chief. A. A distinctive new variety of easy culture. Grows about 1½ feet high and produces large, glistening bronze-red blooms with dark brown centers from early summer until frost. Fine for cutting. Pkt. 10 cts.; ¼oz. 35 cts.

Gazania

Splendens hybrida grandiflora. H.H.P. Low-growing plants, bearing numerous long-stemmed, showy, daisy-like flowers in brilliant shades of orange and yellow, cream and white. Fine for border-work. Pkt. 25 cts.; ⅛oz. 75 cts.

Gerbera (Transvaal Daisy)

New Giant Hybrids. T.P. A very beautiful daisy-like flower from South Africa. Though a greenhouse subject, it is also fine for the garden if protected well over the winter. A splendid variety of colors. Height, 15 inches. Pkt. 25 cts.

Hollyhocks

New Double Orange Prince. H.P. Striking double flowers of a distinct new shade—a rich apricot-orange. Pkt. 15 cts.; ⅛oz. 50 cts.

Hunnemannia

Sunlite. A. Award of Merit, 1934 All-America Seed Selections. This new semi-double form of the Mexican Tulip Poppy produces a band of short petals on the outside rather than the inside of the cup, giving the appearance of being open at all times. The flowers are a bright canary-yellow and the foliage is light gray-green. Height, 2 feet. Pkt. 25 cts.

Ipomoea

Rose Marie. A. Early, free-flowering, double form of Ipomœa. Flowers a beautiful deep rose. Pkt. 15 cts.; ⅛oz. 35 cts.

Kalanchoe

Globulifera coccinea. A. An early spring-flowering pot-plant, producing dense panicles of vivid scarlet blooms. Recommended for greenhouses and conservatory cultivation because of its long blooming period. Pkt. 35 cts.

Larkspur

Giant Imperial. A. This type has superseded all other Larkspurs for florists' and general garden use. Large spikes of double flowers on stems 4 feet long. Upright and compact growing.

Blue Spire
Lilac Spire
White Spire
Gloria (deep rose)
Exquisite Pink
Delicate Lavender

Each, pkt. 15 cts.; ⅛oz. 30 cts.

COLLECTION: One pkt. each of above 6 varieties, 65 cts.

Finest Mixed. Pkt. 15 cts.; ⅛oz. 25 cts.

NEW DOUBLE TALL STOCK-FLOWERED

Rosamond. A. This novelty was awarded the Gold Medal in the 1934 All-America Seed Selections and has been acclaimed the most distinct Larkspur to be introduced in many years. It is two weeks earlier than other Stock-flowered varieties and is exceptionally uniform. The plants bear numerous good spikes heavily covered with fully double bright rose-colored flowers. Pkt. 15 cts.; ¼oz. 80 cts.

Marigold, Guinea Gold

Marigold

Dixie Sunshine. A. Award of Merit, 1936 All-America Seed Selections. Sensationally new and fascinating! The large, brilliant golden yellow flowers are ingeniously composed of dozens of tiny 5-petaled florets, gracefully interlocking, daintily fringed in effect. Tall. See color illustration on first cover. Pkt. 25 cts.; ⅛oz. $1.

Mexican Dwarf Orange. A. Semi-dwarf in habit, freely branched, and heavily laden with quantities of its unique, semi-tubular bright orange flowers. Pkt. 25 cts.; ⅛oz. 75 cts.

Guinea Gold. (African.) A. Compact, pyramidal plant, 2½ feet high, covered with brilliant golden orange, ruffled flowers, excellent for cutting. Pkt. 15 cts.; ¼oz. 60 cts.

DWARF FRENCH MARIGOLDS

Fire Cross. A. Single deep orange flowers spotted with red. Plant grows about 1 foot high. Excellent for edging a border. Pkt. 10 cts.; ¼oz. 30 cts.

Robert Beist. A. Plant grows 1 foot high and is literally covered with double, dark maroon flowers the entire summer. Pkt. 10 cts.; ¼oz. 30 cts.

Nasturtium

New Double Scarlet Gleam. A. Gold Medal, 1935 All-America Seed Selections. Ever since the introduction of the Golden Gleam Nasturtium, interest has run high, awaiting new colors in this double sweet-scented type. Scarlet Gleam is the first of the new colors. The immense flowers are a fiery orange-scarlet, very fragrant, and borne on long stems. Pkt. 25 cts.; ½oz. $1.25; oz. $2.

New Double Gleam Hybrids. A. The Hybrids are a collection of gorgeously colored, double, fragrant flowers never dreamed of before in a Nasturtium. They thrive under any cultural condition and this factor, combined with the brilliance of their colors, assures them of a universal popularity. The plants are semi-dwarf and the flowers are borne on long stems. Pkt. 25 cts.; ½oz. 90 cts.; oz. $1.50.

Double Golden Gleam. A. Still maintains its position as one of the most popular novelties of the past two seasons. The large, double, sweet-scented, golden yellow flowers on long stems, are borne profusely on the semi-dwarf plants. Pkt. 10 cts.; oz. 35 cts.; ¼lb. $1.

Dwarf Double Golden Globe. A. Award of Merit, 1936 All-America Seed Selections. Identical in color with the popular Golden Gleam. Dwarf, compact, and free flowering. The well-formed, double flowers of deep golden yellow are delicately sweet scented. Pkt. 15 cts.; ½oz. 40 cts.; oz. 60 cts.

New Double Orange Gleam. A. The finest Gleam Nasturtium since Golden Gleam was introduced. Flowers are very large, uniformly double, borne on long, wiry stems, while the color is entirely new in the Nasturtium family—a deep glowing golden orange with a deeper shading at the center. Plants are semi-dwarf. Pkt. 15 cts.; ¼oz. 60 cts.

Dwarf Double Gem Mixture. A. This mixture comprises an evenly balanced range of cheerful colors on dwarf, compact, gem-like plants and is the ideal annual for border and edging use. Pkt. 25 cts.; ¼oz. 75 cts.

Nasturtiums, Double Gleam Hybrids

Novelties and Specialties for 1936

Petunia

Dwarf Giants of California Mixture. A. A superb strain of dwarf, compact, single Petunias with giant ruffled flowers that have extra-large, veined throats. A well-balanced mixture of colors. Pkt. 35 cts.

Grandiflora fimbriata, Dainty Lady (Single Fringed Petunia). A. Award of Merit, 1936 All-America Seed Selections. *New.* An entirely new color in Petunias—a delicate golden yellow! Plants compact, semi-dwarf, and free flowering, bearing generous quantities of medium-sized, delicately fringed flowers. You will be thrilled with this brand-new Petunia color. Pkt. 35 cts.

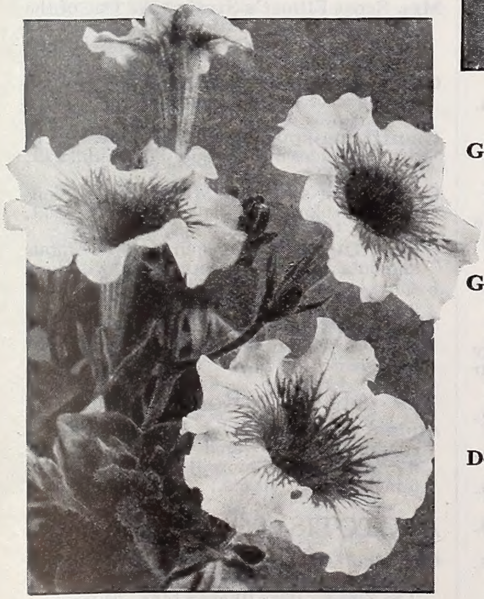
Hybrida, Flaming Velvet. A. Gold Medal, 1936 All-America Seed Selections. An exceptionally fine and desirable new Petunia of the Hybrida class with flowers of an unusual color—brilliant velvety blood-red. The plants are neat, compact, and free-blooming, bearing a profusion of blooms throughout the summer. For an up-to-date garden, be sure to plant this "Gold Medal" Petunia. See color illustration on front cover. Pkt. 25 cts.

Hybrida nana compacta, Martha Washington (Ruffled Dwarf Petunia). A. Award of Merit, 1935 All-America Seed Selections. *New.* Dwarf-growing, compact type about 9 inches tall, covered with delicately ruffled, medium-sized flowers. The color itself is an interesting combination—blush-pink at the edges, deepening to dark violet in the throat, with heavy veining. Pkt. 35 cts.

Hybrida nana erecta, Cockatoo (Dwarf Petunia). A. Grows only 3 inches high and is covered with a mass of violet-purple flowers having white spots and stars. Pkt. 25 cts.; ⅛oz. $1

Poppy

Double Shirley, Mixed. A. *New.* Semi-double type in a wide range of colors. Blooms continuously throughout spring and summer. Pkt. 10 cts.; ¼oz. 30 cts.



Petunia, Martha Washington

Salvia (Scarlet Sage)

Harbinger. A. A dwarf, large-flowering variety which starts blooming in July and continues until frost. It makes beautiful symmetrical plants about 15 inches high covered with sprays of brilliant scarlet flowers. Pkt. 15 cts.; ⅛oz. $1.

Farinacea. H.P. Fine light blue flowers, borne on long spikes. Plants grow from 2 to 3 feet high, and will bloom the first year from seed. Pkt. 10 cts.; ⅛oz. 50 cts.

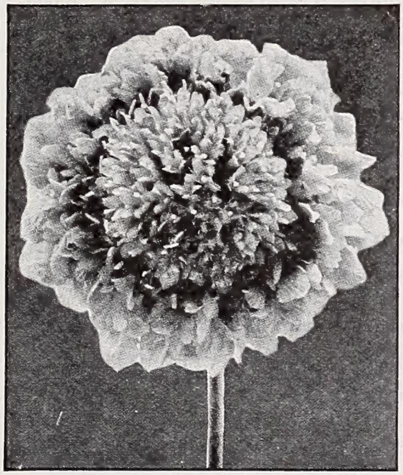
New Annual Scabiosas

Loveliness. A. Flowers in various tones of delicate salmon-rose shades, with delightful fragrance, borne on long, stiff stems. The most beautiful Scabiosa ever introduced. Pkt. 10 cts.; ¼oz. 30 cts.

Fiery Scarlet. A. Very double flowers in a brilliant shade of scarlet. Height, 1½ feet. Pkt. 10 cts.; ¼oz. 30 cts.

Peach Blossom. A. Blooms a lovely shade of pink, borne on long stems, excellent for cutting. Pkt. 10 cts.; ¼oz. 30 cts.

Shasta. A. Immense pure white blooms 3 to 4 inches in diameter. Pkt. 10 cts.; ¼oz. 30 cts.



Scabiosa, Peach Blossom

NEW PERENNIAL SCABIOSA

Giant Hybrids (Isaac House Strain). H.P. Fringed and ruffled flowers in varying tones of light and dark blue. Pkt. 25 cts.; $\frac{1}{16}$oz. 50 cts.

Stocks

Giant Long-stemmed Champion Column. A. Immense, fully double, close-spaced flowers. This strictly non-branching strain is very much in demand by florists.

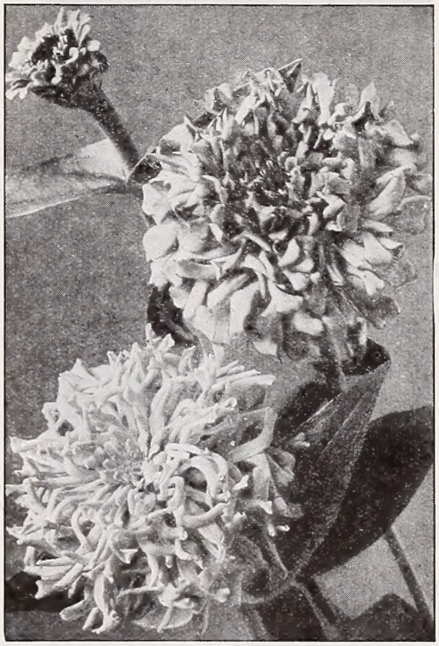
Deep Rose
Scarlet
Yellow
Ruby-Red
Lavender
White
Mixed

Each, pkt. 25 cts.

Double Giant Imperial (Improved Bismarck). A. Of branching habit, the large flowers and long stems of this class make it especially desirable for cutting. Very early blooming.

Antique Copper
Buttercup
Chamois-Rose
Blood-Red
Elk's Pride
Shasta
Mixed

Each, pkt. 25 cts.; ⅛oz. 75 cts.



Zinnia, Fantasy

Ursinia (Jewels of the Veldt)

Anethoides. A. Brilliant orange, daisy-like flowers, with deep purple centers. Grows about 10 inches high and is very easily raised from seed. Pkt. 15 cts.; 2 pkts. for 25 cts.

New Dwarf Compact Verbenas

A. Plants grow only about 6 inches high and are literally covered with blooms. Fine for rock-gardens and borders.

Scarlet
Dark Blue
Salmon-Rose
Ruby-Red
Pure White

Each, pkt. 15 cts.; ⅛oz. 75 cts.

COLLECTION: One pkt. each of above 5 colors, 60 cts.

Finest Mixed. Pkt. 15 cts.; ⅛oz. 60 cts.

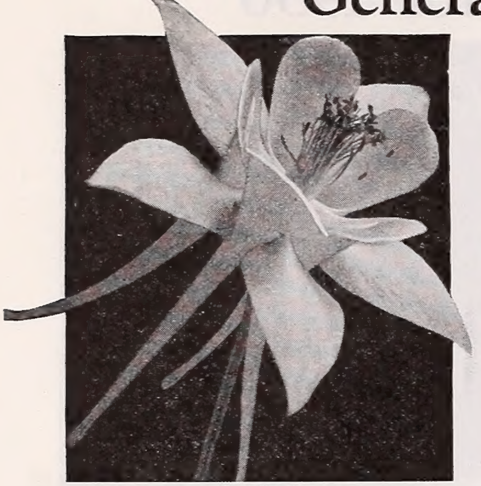
New Zinnias

Scabious-flowered. A. Plants 2 to 2½ feet high, bearing numerous medium-sized flowers, having a remarkable resemblance to the annual scabious, while the color-range includes all popular shades. They are particularly rich in shades of crimson, scarlet, orange, yellow, and pink. Mixture only, pkt. 25 cts.; ⅛oz. 75 cts.

Fantasy, Mixed. A. The medium-sized, double flowers are composed of a mass of shaggy petals, and range in color from the brightest shades to the popular pastels. Pkt. 15 cts.; ⅛oz. 50 cts.

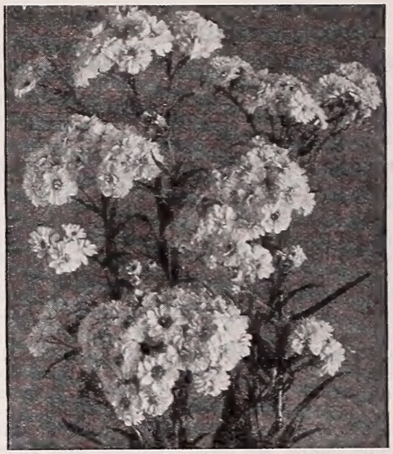
For best results with your flowers use Griffith & Turner Co.'s Special Garden Fertilizer. See page 42

General List of Flower Seeds



Aquilegia

Alyssum, Little Gem



Achillea

ACHILLEA (Yarrow)

Millefolium roseum. H.P. Rosy pink. Height, 1½ feet. June, July. Pkt. 10 cts.; oz. 25 cts.

Ptarmica, The Pearl. H.P. Clusters of snow-white flowers on 2-foot plants. Blooms all summer. Fine for cutting. Pkt. 15 cts.; ⅛oz. 50 cts.

AGATHAEA

Blue Border Daisy

Cœlestis. T.P. Beautiful sky-line flowers. Blooms profusely during summer and fall. Fine for borders, also potted for winter blooming. Height, 1 foot. Pkt. 10 cts.; ¼oz. 50 cts.

AGERATUM (Floss Flower)

One of the best bedding plants, being literally a sheet of color from early summer until frost. Easily raised from seed.

Blue Perfection. A. Deep blue flowers. Compact grower. Fine for cutting and borders. Height, 9 inches. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Little Dorrit, Blue. A. Flowers bright blue. Used largely for edging. Height, 6 inches. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Little Dorrit, White. A. Same in habit as preceding, only white. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

AGROSTEMMA (Mullein Pink)

Coronaria. H.P. Attractive flowers of glowing crimson. Silvery foliage. Height, 2 feet. June to September. Pkt. 10 cts.; ¼oz. 25 cts.

ALYSSUM

Basket of Gold (*Alyssum saxatile compactum*). H.P. Bright yellow flowers which cover the plant from April to June. Excellent for rock-garden or border. Height, 1 foot. Pkt. 10 cts.; ¼oz. 35 cts.; oz. $1.

Carpet of Snow. A. Pure white. Grows 2 to 3 inches high. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Lilac Queen. A. Very pretty lilac. Height, 6 inches. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

Little Gem. A. Plants grow 4 inches high. Small white flowers. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 60 cts.

Sweet (*A. maritimum*). A. Plant of trailing habit, covered with white flowers all summer. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 60 cts.

AMARANTHUS

Annuals with brilliant foliage, growing from 3 to 5 feet high. Plant in hot, sunny location.

Caudatus (Love-Lies-Bleeding). A. Blood-red blooms in drooping panicles. Pkt. 10 cts.; ¼oz. 25 cts.

Molten Fire. A. Best and showiest. Bronze foliage tipped with fiery scarlet blooms. Pkt. 15 cts.; ¼oz. 75 cts.

Tricolor (Joseph's Coat). A. Leaves red, yellow and green. Pkt. 10 cts.; ¼oz. 25 cts.

ANAGALLIS

See page 3 for description.

ANTIRRHINUM (Snapdragon)

One of the most valuable flowers which is readily grown from seed.

Giant-flowering Tall Varieties. A. Height, 2½ feet.

Deep Crimson
Golden King
Pink Venus
Pure White
Rose King
Scarlet Defiance

Each, pkt. 10 cts.; ¼oz. 50 cts.

COLLECTION: One pkt. each of the above 6 colors, 50 cts.

Mixed. Pkt. 10 cts.; ¼oz. 35 cts.

Giant-flowering Medium Tall Varieties. A. Height, 1½ feet.

Bright Scarlet
Brilliant Orange
Dark Crimson
Pure White
Rich Yellow
Salmon-Rose

Each, pkt. 10 cts.; ¼oz. 50 cts.

COLLECTION: One pkt. each of the above 6 colors, 50 cts.

Mixed. Pkt. 10 cts.; ¼oz. 35 cts.

Rustproof Varieties. See description, page 3.

Forcing Varieties

These are special greenhouse strains, very carefully selected, coming into bloom in four to five months from seed.

Ceylon Court. A. Golden yellow. Pkt. 35 cts.

Cheviot Maid Supreme. A. Dark pink. Pkt. 50 cts.

His Excellency. A. Brilliant orange-scarlet. Pkt. 25 cts.

Jennie Schneider. A. Salmon-pink. Pkt. 25 cts.

Roman Gold. A. Copper and yellow. Pkt. 35 cts.

White Rose. A. Pure white. Pkt. 25 cts.

ANCHUSA

Blue Bird. A. Dwarf, compact type, about 15 inches high, with indigo-blue flowers. Pkt. 10 cts.; ¼oz. 35 cts.

Italica, Dropmore Variety. H.P. Bright blue, forget-me-not-like flowers on graceful stems the entire summer. Height, 4 feet. Pkt. 10 cts.; ¼oz. 35 cts.

ANEMONE (Windflower)

St. Brigid. H.P. Both double and semi-double flowers in a wide variety of colors. Height, 1½ feet. Pkt. 15 cts.

ANTHEMIS (Marguerite)

Kelwayi. H.P. Large, golden yellow, daisy-like flowers all summer. Fine for cutting. Height, 2 feet. Pkt. 10 cts.; ¼oz. 50 cts.

AQUILEGIA (Columbine)

Graceful plants that bear a profusion of flowers in early summer. Will grow in shade or sun.

Mrs. Scott Elliott's Strain. A. One of the finest strains ever raised. The blooms are large, with very long spurs, in a fascinating range of colors. Pkt. 15 cts.; ⅛oz. $1.

Giant Long-spurred, Blue Shades. H.P. All the shades of light and dark blue. Pkt. 15 cts.; ⅛oz. $1.

Giant Long-spurred, Pink Shades. H.P. All the shades of light and dark pink. Pkt. 15 cts.; ⅛oz. $1.

Giant Long-spurred, Mixed. H.P. Contains all colors of this splendid strain. Pkt. 15 cts.; ⅛oz. 75 cts.

Copper Queen. (Long-spurred.) A. Petals and outside of corolla copper-red, with long spurs of deeper hue; inside of corolla straw-color. Pkt. 15 cts.; ⅛oz. $1.

Alpine Blue. H.P. A fine rich blue variety for the rock-garden. Pkt. 10 cts.; ⅛oz. 50 cts.

ARABIS (Rock Cress)

Alpina. H.P. Splendid for rockeries and edging, being covered with pure white flowers as soon as snow disappears. Height, 6 inches. Pkt. 10 cts.; ¼oz. 30 cts.

ARCTOTIS (African Lilac Daisy)

Grandis. A. Large flowers, pure white on upper surface, lilac-blue beneath. Height, 2 to 3 feet. Pkt. 10 cts.; ¼oz. 30 cts.

Everyone Admires the Grace and Color of Asters

Aster, Queen of the Market

ASTERS

An open, sunny position and well-prepared soil is needed to grow Asters to perfection. Work a liberal quantity of bone and a little hydrated lime into the soil before setting out the plants.

Early-blooming Varieties

Early Beauty. (Wilt-resistant.) A. Plants grow from 2½ to 3 feet high with long stems bearing large, well-formed flowers. The colors are good and keeping qualities are unsurpassed. Blooms early in July.

Azure-Blue
Carmine-Rose
Crimson
Flesh-Pink
Purple
White

Each, pkt. 15 cts.; ⅛oz. 50 cts.

COLLECTION: One pkt. each of the above 6 colors, 75 cts.

Mixed. Pkt. 15 cts.; ⅛oz. 40 cts.

Queen of the Market. (Wilt-resistant.) A. These well-known early-flowering Asters are of branching habit, about 20 inches high, and bloom in early July.

Crimson
Dark Blue
Flesh-Pink
Peach Blossom
Scarlet
White

Each, pkt. 10 cts.; ¼oz. 40 cts.

COLLECTION: One pkt. each of above 6 colors, 50 cts.

Mixed. Pkt. 10 cts.; ¼oz. 35 cts.

Midseason-blooming Varieties

Mammoth Peony-flowered. A. This superb strain has immense, double flowers, borne on long, non-lateral stems. The plants grow 2½ to 3 feet high, and bloom from late July until frost.

Azure Fairy
Deep Rose
Flesh-Pink
Peach Blossom
Purple
White

Each, pkt. 15 cts.; ⅛oz. 60 cts.

COLLECTION: One pkt. each of above 6 colors, 75 cts.

Mixed. Pkt. 15 cts.; ⅛oz. 50 cts.

Improved Ostrich-feathered. (Wilt-resistant.) A. The flowers, borne on long stems, are of a loose, feathery character, and frequently measure over 5 inches in diameter. Plants grow about 2½ feet high.

Azure-Blue
***Crimson**
***Deep Rose**
***Light Blue**
Peach Blossom
***Purple**
***Shell-Pink**
Sky-Blue
***White**

Each, pkt. 10 cts.; ¼oz. 50 cts.

COLLECTION: One pkt. each of above 6 varieties marked*, 50 cts.

Mixed. Pkt. 10 cts.; ¼oz. 40 cts.

Aster, Heart of France

Astermum (A.)

A splendid new type of Aster bearing enormous flowers that give the impression of the Japanese chrysanthemums. Plants grow about 2 feet high, and bloom from July until frost.

Azure-Blue
Rose-Pink
White

Each, pkt. 10 cts.; ¼oz. 50 cts.

Mixed. Pkt. 10 cts.; ¼oz. 40 cts.

Miscellaneous Varieties

California Giants, Improved. See page 3 for description.

Giant California Sunshine. See page 3 for description.

Peerless Yellow. A. A splendid new Aster with a border of pure white and the center rich deep yellow. Pkt. 15 cts.; ⅛oz. 75 cts.

Heart of France. (Wilt-resistant.) A. This is the largest flower of the dark red sorts. Plants grow about 2 feet high and bear ruby-red flowers in profusion in September. Pkt. 15 cts.; ⅛oz. 75 cts.

Ball's White. A. A fine pure white Aster of dwarf, branching habit. Blooms with the midseason sorts. Pkt. 15 cts.; ⅛oz. 50 cts.

Hardy Perennial Varieties

Michaelmas Daisy, Mixed. H.P. A select mixture. Medium-sized flowers. Plants grow about 3 feet high and bloom in September and October. Will flower the first year from seed if started early. Pkt. 10 cts.; ⅛oz. 75 cts.

ARMERIA (Sea-Pink)

Dwarf plants that will thrive almost anywhere. Fine for the alpine garden or for use as edging plants.

Laucheana. H.P. Produces a mass of double, rosy crimson flowers during May and June. Height, 6 inches. Pkt. 25 cts.; 1/16oz. 60 cts.; ⅛oz. $1.

ASPARAGUS

Plumosus nanus. A graceful pot-plant for house or conservatory. Grows freely in any sunny window. Pkt. 20 cts.

Sprengeri. Long, drooping branches. Fine for hanging-baskets or cutting. Pkt. 15 cts.

AUBRIETIA (False Wall Cress)

Large-flowering Hybrids. H.P. A delightful group of rock-garden plants that thrive in sunny crevices, covered with brilliantly colored flowers in spring and early summer. Height, 6 inches. Pkt. 15 cts.; 1/16oz. 60 cts.

Bellis (English Daisy)

BALSAM

Touch-me-not; Lady's Slipper

Double Camellia-flowered. One of the easiest annual flowers to grow. Plants reach a height of about 2 feet and bear the flower close against the stems. The ripe seed-pods fly open with an angry jerk if they are touched, scattering the seed for several feet in every direction.

Double Pink. A. Light pink. Pkt. 10 cts.; ¼oz. 30 cts.

Double, Mixed. A. All colors. Pkt. 10 cts.; ¼oz. 25 cts.

BEGONIA GRACILIS

Wax Plant

This Begonia ranks with the geranium and coleus as a bedding plant, doing equally well in full sunlight, and surpassing both in positions partially or wholly in shade. Make dense bushes 1 foot high.

Luminosa. A. Fiery, dark scarlet flowers and satiny brown foliage. Pkt. 25 cts.

Primadonna. A. Large, handsome plants with shining green foliage and rose-pink flowers. Pkt. 25 cts.

BELLIS (English Daisy)

Little rosettes of dark green foliage. Short-stemmed double flowers from early spring until midsummer. While supposed to be a perennial, it may die out after a year or two.

Longfellow. T.P. Dark rose. Pkt. 10 cts.; ⅛oz. 50 cts.

Snowball. T.P. Pure white. Pkt. 10 cts.; ⅛oz. 50 cts.

Double, Mixed. T.P. A mixture containing all the colors. Pkt. 10 cts.; ⅛oz. 30 cts.

BRACHYCOME

Swan River Daisy

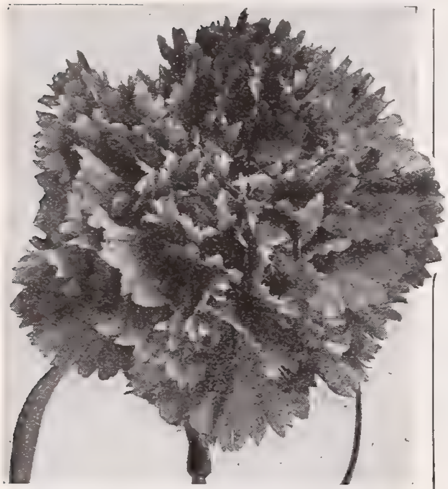
A free-flowering annual about 1 foot high, covered with a profusion of blue, rose, and white flowers the greater part of the summer.

Azure Fairy. A. Lavender-blue. Pkt. 10 cts.; ¼oz. 50 cts.

Rosea. A. Rose-pink. Pkt. 10 cts.; ¼oz. 50 cts.

Mixed. A. All colors. Pkt. 10 cts.; ¼oz. 40 cts.

Flowers Add Attractiveness and Value to the Home



Chabaud's Carnation

BROWALLIA (Amethyst)

Fine annual covered with blue and white flowers during summer and autumn. Blooms freely in winter if plants are lifted and cut back. Height, 1½ feet.

Mixed. A. Rich Blue and White. Pkt. 10 cts.; ¼oz. 30 cts.

CALCEOLARIA

Excellent plants for decorating the greenhouse or conservatory, producing a mass of pocket-like flowers through the spring and summer.

Albert Kent Hybrids. T.P. A splendid English variety with medium-sized flowers produced in large, graceful clusters. An excellent mixture. Pkt. 50 cts.

CALENDULA (Pot Marigold)

Splendid free-flowering annuals of easy culture.

Ball's Apricot. A. Large soft apricot flowers, dark eye. Pkt. 15 cts.; ¼oz. 35 cts.

Ball's Gold. A. Very large deep golden yellow flowers. Pkt. 15 cts.; ¼oz. 35 cts.

Ball's Orange. A. Bright glowing orange, dark center; petals slightly notched. Pkt. 15 cts.; ¼oz. 35 cts.

Lemon Queen. A. Rich golden yellow. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 60 cts.

Orange King. A. Deep orange. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 60 cts.

Finest Mixed. A. All colors. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 50 cts.

Campfire (Sensation). See description, page 3.

Golden Radio. See description, page 3.

Chrysantha. See description, page 3.

CALLIOPSIS

Very showy annuals of easy culture, blooming all summer. Do not transplant.

Golden Wave. A. Rich golden yellow, center dark red. Height, 1 foot. Pkt. 10 cts.; ¼oz. 25 cts.

The Dazzler. A. Large yellow blooms with rich maroon centers. Pkt. 10 cts.; ¼oz. 30 cts.

The Sultan. A. Large flowers of rich maroon-crimson. Pkt. 10 cts.; ¼oz. 30 cts.

Tall, Mixed. A. Good mixture of the tall varieties. Pkt. 10 cts.; ½oz. 25 cts.

Dwarf, Mixed. Excellent mixture of dwarf sorts. Pkt. 10 cts.; ½oz. 30 cts.

CACTUS

Very unusual plants. It is most interesting as well as educational to watch them grow.

Mixture. A wonderful range of good varieties. Pkt. 25 cts.

CAMPANULAS (Bellflowers)

The Bellflower family are very interesting garden plants, embracing the annual, biennial, and perennial classes. Some are tall, others are dwarf, but they are all beautiful.

New Annual Canterbury Bell. See page 3 for description.

Calycanthema (Cup-and-Saucer). B. These produce large, single flowers resembling a cup and saucer. **Dark Blue, Rose,** or **White.** Each, pkt. 10 cts.; ⅛oz. 35 cts.

Carpatica (Carpathian Bellflower). H.P. Deep blue flowers all summer. Especially good for edging and rock-gardens. Height, 6 inches. Pkt. 10 cts.; ⅛oz. 30 cts.

Longestyla. H.P. Large purple flowers on 1- to 1½-foot plants. Pkt. 10 cts.; ⅛oz. 30 cts.

Medium, Single, Mixed (Canterbury Bell). B. A mixture of the single varieties in Blue, Rose, and White. Plants grow from 2 to 3 feet high, and bloom in June. Pkt. 10 cts.; ¼oz. 25 cts.

Medium, Double, Mixed. B. Double-flowering form of the above. Pkt. 10 cts.; ¼oz. 40 cts.

Persicifolia (Peach Bells). H.P. One of the finest of the hardy Bellflowers, growing 2 to 2½ feet high. Pkt. 15 cts.; ⅛oz. 60 cts.

Pyramidalis (Chimney Bellflower). H.P. A beautiful flower growing 4 to 5 feet high. **Mixed.** Pkt. 10 cts.; ⅛oz. 40 cts.

Rotundifolia (Blue Bells of Scotland). H.P. Plants grow about 1 foot high, bearing a profusion of clear blue flowers from June to August. Fine for rock-gardens. Pkt. 25 cts.

CANARY-BIRD VINE

Tropæolum canariense (A.)

A rapid-growing annual climber producing numbers of pretty canary-yellow, fringed flowers. Pkt. 10 cts.; ¼oz. 25 cts.

CANDYTUFT (Iberis)

The popular bedding and border plant, growing about 1 foot high.

Annual Varieties

Bright Rose
Carmine
Crimson
Flesh-Pink
Lilac
White

Each, pkt. 10 cts.; ½oz. 30 cts.

COLLECTION: One pkt. each of above 6 colors, 50 cts.

Mixed. Pkt. 10 cts.; ½oz. 25 cts.

Perennial Varieties

Gibraltarica. H.P. White, shaded lilac. Pkt. 10 cts.; ⅛oz. 30 cts.

Sempervirens. H.P. White. Evergreen foliage. Pkt. 10 cts.; ⅛oz. 40 cts.

CARNATIONS

Giant Marguerite (A.)

These Carnations begin flowering within a few weeks from time of sowing and will survive an ordinary winter if given slight protection. Height, 1½ feet.

Double, Mixed. Pkt. 10 cts.; ¼oz. 50 cts.

Chabaud's Giant Double. See page 3 for description.

CARDINAL CLIMBER

Ipomœa quamoclit (A.)

A rapid-growing annual climber with clusters of cardinal-red flowers and fern-like foliage. Pkt. 10 cts.; ¼oz. 40 cts.

CASTOR-OIL PLANT (Ricinus)

Communis cambodgensis. A. Ornamental annuals of stately growth, with large, dark metallic foliage and ebony-black stems. Fine for lawns, massing, or center plants. Pkt. 10 cts.; oz. 30 cts.

Mixed. A. A select mixture of all colors. Pkt. 10 cts.; oz. 25 cts.

CELOSIA

Showy annuals growing best in a light soil.

Childsi (Chinese Woolflower). A. A most distinct and beautiful new form of Celosia. The plants are free branching and bear in profusion beautiful ball-shaped flowers resembling silky wool. We offer this variety in a fine mixture. Height, 2 feet. Pkt. 10 cts.; ⅛oz. 25 cts.

Cristata (Cockscomb). A. These interesting and free-flowering annuals are of easy culture, producing large, brilliant crimson, comb-like heads. Excellent for borders. In bloom from July until frost. Height, 1½ to 2 feet. Pkt. 10 cts.; ⅛oz. 25 cts.

Plumosa (Feathered Cockscomb). A. An excellent decorative plant. The feathery plumes are produced on long stems and are splendid for cutting. **Finest Mixed.** Pkt. 10 cts.; ¼oz. 25 cts.

CERASTIUM (Snow-in-Summer)

Tomentosum. H.P. A fine spreading perennial plant with attractive silvery foliage and small white flowers in May and June. Excellent for rock-gardens. Prefers sunny locations. Height, 10 to 12 inches. Pkt. 10 cts.; ⅛oz. 30 cts.

CHELONE (Turtle-Head)

Handsome perennial growing 2 to 3 feet high. Blooms during summer and fall.

Barbata Hybrids. H.P. Shades of pink, rose, red, and violet. Pkt. 10 cts.; ¼oz. 25 cts.

Celosia childsi (Chinese Woolflower)

All Centaureas Are Interesting, Beautiful, and Easy to Grow

CENTAUREAS

An extremely interesting class of annuals and perennials which are very popular. They are fine for cutting, and very easily grown.

DOUBLE CORNFLOWERS (*Centaurea cyanus*). These are also known as Ragged Robin, Ragged Sailor, Bachelor's Buttons, Bluet and Blue Bottle.

Blue. A. The best and most popular color. Pkt. 10 cts.; ¼oz. 25 cts.

Mixed. A. Pkt. 10 cts.; ¼oz. 25 cts.

GIANT SWEET SULTANS (*Centaurea imperialis*). Beautiful sweet-scented flowers on long, strong stems that are especially fine for cutting, lasting for several days.

Yellow. A. Bright yellow. Pkt. 10 cts.; ¼oz. 25 cts.

Finest Mixed. A. Pkt. 10 cts.; ¼oz. 25 cts.

DUSTY MILLER (Centaurea).

Candidissima. A. Silvery white leaves that are excellent for edging. Pkt. 10 cts.; ⅛oz. 25 cts.

HARDY CENTAUREA.

Montana. H.P. Large blue flowers, blooming from July to September. Height, 2 feet. Pkt. 10 cts.; ⅛oz. 25 cts.

CHEIRANTHUS (Wallflower)

Allioni (Siberian Wallflower). P. Early-flowering perennial Wallflowers with beautiful orange flowers. Splendid for rock-gardens or as a dwarf border plant. Height, 1 foot. Pkt. 10 cts.; ¼oz. 30 cts.

Kewensis (Greenhouse Wallflower). H.H.P. Opens light yellow and changes to pale purple. Height, 2 feet. Pkt. 25 cts.

CHRYSANTHEMUMS

Annual Varieties

Plants grow 2 feet high, and bear a profusion of daisy-like flowers from July to October. Splendid for cutting.

Northern Star. White, with yellow ring around dark brown eye. Pkt. 10 cts.; ¼oz. 25 cts.

Eastern Star. Primrose-yellow, with dark brown eye. Pkt. 10 cts.; ¼oz. 25 cts.

Single, Mixed. Choice mixture of all single varieties. Pkt. 10 cts.; ¼oz. 20 cts.

Double, Mixed. Select mixture of double sorts. Pkt. 10 cts.; ¼oz. 25 cts.

Maximum (Shasta Daisy)

Maximum, Alaska. H.P. Magnificent pure, glistening white Daisy 5 inches across. Height, 3 feet. Pkt. 10 cts.; ⅛oz. 25 cts.

Giant Sweet Sultans

CINERARIA

Ornamental house plants, bearing magnificent heads of velvety, daisy-like flowers.

Multiflora nana, Mixed. Compact plants with good heads of brightly colored flowers. Fine mixture. Pkt. 50 cts.

CLARKIA

Elegans Double and **Single, Mixed.** A. A very pretty annual of easy cultivation that will grow in sun or shade. Long racemes of flowers in July on plants 2 to 2½ feet high. Pkt. 10 cts.; ¼oz. 25 cts.

COBAEA (Cup-and-Saucer Vine)

Scandens. A. A rapid-growing climber attaining a height of 30 feet during the season. Purple flowers on very long stalks. Will cling to any rough surface. Pkt. 10cts.; ¼oz. 25cts.

COIX

Lacryma-jobi (Job's Tears). A. A strong, broad-leaved ornamental grass, with large, shining, pearly seeds. Lovely for winter bouquets. Height, 2 to 3 feet. Pkt. 10 cts.; oz. 25 cts.

COLEUS

Popular annual bedding plants with beautifully colored foliage. Easily grown from seed.

Finest Mixed. Great range of colors. Pkt. 25 cts.; 1/16oz. $1.25.

COREOPSIS

Among the most useful summer flowers that require very little attention. Plants grow about 2 feet high and are covered with a mass of yellow flowers all during the summer.

Grandiflora, Single. H.P. Rich golden yellow flowers. Pkt. 10 cts.; ¼oz. 25 cts.

Grandiflora, Double. H.P. Double form of above. Pkt. 10 cts.; ¼oz. 35 cts.

COSMOS

One of the finest summer- and autumn-blooming plants that will produce an abundance of cut-flowers for fall decorations.

Early Single Dwarf, Mixed. A. A select mixture of crimson, pink, and white flowering sorts. Blooms from July until frost. Height, 4 feet. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 60 cts.

EXTRA-EARLY DOUBLE. Crimson, Pink, White, Mixed. Each, pkt. 15 cts.; ¼oz. 90 cts.

LATE SINGLE TALL. Blooms from September until frost. Height, 6 to 8 feet. **Crimson, Pink, White.** Each, pkt. 10 cts., ¼oz. 25 cts.; oz. 75 cts.

Mixed. Pkt. 10 cts.; ¼oz. 20 cts.; oz. 60 cts.

Lady Lenox. A. Deep rosy pink flowers of gigantic size. Late-blooming type. Pkt. 10 cts.; ¼oz. 25 cts.; oz. 75 cts.

LATE DOUBLE TALL, CRESTED.

Mixed. A choice mixture of the double Cosmos. Pkt. 10 cts.; ¼oz. 40 cts.; oz. $1.20.

Klondyke, Orange Flare. See Novelties and Specialties, page 3.

CYCLAMEN

Charming winter- and spring-flowering house plants with beautiful variegated foliage and richly colored, fragrant blooms. Start seed any time during the summer or autumn.

Choice Mixture. Pkt. 50 cts.

Delphiniums

CYNOGLOSSUM

Chinese Forget-me-not

A highly perfumed plant of easy culture, growing about 1½ feet high and producing throughout the summer large sprays of forget-me-not-like blooms.

Amabile, Blue. A. Deep blue. Pkt. 10 cts.; ¼oz. 25 cts.

Amabile, Pink. A. Rich deep pink. Pkt. 10 cts.; ¼oz. 50 cts.

CYPRESS VINE

Ipomœa quamoclit (A.)

A very popular vine with fern-like foliage and masses of star-shaped flowers. Grows 15 feet high. Soak the seed in warm water for several hours before sowing.

Scarlet. Pkt. 10 cts.; ¼oz. 40 cts.

White. Pkt. 10 cts.; ¼oz. 20 cts.

DWARF DAHLIAS

See page 3 for description.

DELPHINIUMS

No blue is so fine as a clump of well-grown Delphiniums. Seed can be sown any time from spring till fall.

Belladonna. H.P. Clear turquoise-blue. Pkt. 10 cts.; ⅛oz. 50 cts.

Bellamosum. H.P. Rich deep blue. Pkt. 10 cts.; ⅛oz. 50 cts.

Cardinale. H.P. Brilliant scarlet. Plants grow 2½ to 3 feet high. Pkt. 15 cts.; ⅛oz. 75 cts.

Cliveden Beauty. See Novelties and Specialties, page 3.

Gold Medal Mixture. See Novelties and Specialties, page 3.

Iceberg. See Novelties and Specialties, page 3.

Wrexham or **Hollyhock Type.** See Novelties and Specialties, page 3.

Make Your House a Home—Plant a Flower-Garden

Dianthus heddewigi

All prices in catalog subject to change without notice

Superb Digitalis

DIANTHUS (Pinks)

These include some of the most beautiful flowers in cultivation, in a great variety of brilliant colors. The profuse-blooming plants average about 1 foot in height.

Annual Varieties

Chinensis (China Pink). Select mixture of all the single types in many bright colors. Pkt. 10 cts.; ¼oz. 25 cts.

Heddewigi (Japanese Pink). A colorful assortment of all shades of the double types. Pkt. 10 cts.; ¼oz. 25 cts.

Sweet Wivelsfield (Hybrid Dianthus). Remarkably free-flowering annual, resembling a Sweet William. Grows 1 foot high and comes in a great variety of colors. Blooms from June until frost. Pkt. 10 cts.; ⅛oz. 25 cts.

Hardy Perennial Varieties

Allwoodi alpinus. Showy, single and semi-double, fragrant flowers in choice colors. A rock-garden gem. Height, 4 to 6 inches. Pkt. 35 cts.

Deltoides (Maiden Pink). A fine variety for the rock-garden, with brilliant rose flowers in June and July. Height, 6 inches. Pkt. 10 cts.; ¼oz. 40 cts.

Plumarius, Double, Mixed (Clove Pink). Double, fringed flowers in many colors; very sweet scented. Height, 1 foot. Pkt. 10 cts.; ¼oz. 40 cts.

Plumarius, Single, Mixed (Pheasant's Eye). Large, single, fringed flowers of many colors; very fragrant. Pkt. 10 cts.; ¼oz. 25 cts.

DICTAMNUS (Gas Plant)

Fraxinella rubra. H.P. Large, showy, pink flowers, on about 2½-foot stems, during June and July. Pkt. 15 cts.; ⅛oz. 60 cts.

DIDISCUS (Blue Lace Flower)

Cærulea. A. Very pretty annual, blooming profusely from July until frost. The long, slender stems terminate in flat clusters of lavender-blue, lace-like flowers, somewhat resembling Queen Anne's Lace. Height, 1½ feet. Pkt. 10 cts.; ¼oz. 50 cts.

DIGITALIS (Foxglove)

Old-fashioned biennials, producing an abundance of long spikes of tubular-shaped flowers in June and July. Used extensively in edging shrubberies and half-shady places. Height, 2 to 4 feet.

Giant Shirley, Mixed. B. The greatest improvement ever made in Foxgloves. Enormous spikes of flowers of unusual size in a wide range of colors, spotted and blotched. Pkt. 15 cts.; ¼oz. 50 cts.

Grandiflora. B. Fine spikes of lovely light yellow flowers. Pkt. 15 cts.; ⅛oz. 50 cts.

Purpurea gloxiniæflora. B. A fine strain with gloxinia-like flowers on long spikes. **Purple, Rose, White,** and **Mixed.** Each, pkt. 10 cts.; ¼oz. 35 cts.

DIMORPHOTHECA
African Golden Daisy

Aurantiaca Hybrids, Mixed. A. Beautiful new hybrids of the African Golden Daisy. Large flowers in shades of yellow, orange, and rich salmon. Plants grow about 15 inches high, and bloom the greater part of the summer and fall. Pkt. 10 cts.; ¼oz. 40 cts.

DOLICHOS (Hyacinth Bean)

Lablab. A. A rapid-growing climber with purple and white pea-shaped flowers, followed by ornamental seed-pods. Pkt. 10 cts.; oz. 25 cts.

ECHINOCYSTIS
Wild Cucumber Vine

Lobata. A. One of the quickest growing annual vines, with sprays of white flowers during July and August and attractive bright green foliage. Pkt. 10 cts.; ½oz. 20 cts.

ECHINOPS (Globe Thistle)

Ritro. H.P. Attractive, silvery, thistle-like foliage with steel-blue flowers. Height, 3 to 4 feet. Pkt. 10 cts.; ¼oz. 35 cts.

ERIGERON (Midsummer Daisy)

Speciosus grandiflorus. P. An attractive hardy border plant, producing clear mauve, daisy-like flowers with bright golden yellow centers. Height, 1½ feet. Pkt. 15 cts.; ⅛oz. 65 cts.

ERYNGIUM (Sea Holly)

Maritimum. H.P. Ornamental plants growing 2 to 3 feet high, with thistle-like flowers of amethyst-blue and holly-like foliage. Fine for winter bouquets. Pkt. 10 cts.; ⅛oz. 50 cts.

ESCHSCHOLTZIA
California Poppy

Profuse-blooming annuals with brilliant blooms from early summer to frost. Do not transplant. Height, 1 foot.

Dazzler. A. Bright scarlet. Pkt. 10 cts.; ¼oz. 40 cts.

Fireflame. A. Orange-scarlet. Silvery foliage. Pkt. 10 cts.; ¼oz. 40 cts.

Mauve Beauty. A. Pure mauve. Pkt. 10 cts.; ¼oz. 40 cts.

Hybrids, Mixed. A. Contains all the erect types and newest varieties in a wide range of rich colors. Pkt. 10 cts.; ¼oz. 35 cts.

EUPATORIUM (Thoroughwort)

Fraseri. H.P. A very pretty dwarf variety producing clusters of snow-white flowers. Height, 1½ feet. Pkt. 10 cts.; ⅛oz. 35 cts.

EUPHORBIA

Easy-growing annuals with ornamental foliage.

Heterophylla (Annual Poinsettia). A. A striking plant that resembles the hothouse poinsettia. Grows 2 to 3 feet high, with glossy green foliage which turns to a rich orange-scarlet about midsummer. Pkt. 10 cts.; ¼oz. 30 cts.

Variegata (Snow-on-the-Mountain). A. Bright green foliage, veined and margined with white. Height, 2 feet. Pkt. 10 cts.; ¼oz. 25 cts.

FELICIA

See Novelties and Specialties, page 3.

FOUR O'CLOCK
Marvel of Peru (A.)

Free-flowering plants whose blossoms open at 4 o'clock in the afternoon.

Tall or Dwarf, Mixed. Each, pkt. 10 cts.; oz. 25 cts.

Seeds Are One of the Cheapest Commodities in the World

GAILLARDIA (Blanket Flower)

Annual Varieties

Easily grown plants that bloom quickly from seed and produce an abundance of showy flowers. Useful for garden decoration and cutting. Height, 1½ feet.

Pulchella picta, Indian Chief. See description, page 4.

Pulchella picta lorenziana. A select mixture of the double types in various colors. Pkt. 10 cts.; ¼oz. 25 cts.

Perennial Varieties

Colorful perennials that are permanent. If seed is sown early, will bloom the first year, beginning in July and continuing until frost. Height, 2 feet.

Grandiflora, Burgundy. Coppery scarlet flowers on long stems. Pkt. 15 cts.; ⅛oz. 50 cts.

Grandiflora, Finest Mixed. A choice mixture of many color variations. Pkt. 10 cts.; ¼oz. 25 cts.

GAZANIA

See Novelties and Specialties, page **4.**

GERANIUM (A.)

Well-known favorites in a mixture of large and fine varieties. Geraniums are easy to grow from seed. Start indoors and transplant to the open in May or June. Height, 1½ feet.

Mixed. Pkt. 10 cts.; ⅛oz. 40 cts.

GERBERA (Transvaal Daisy)

See description, page 4.

GEUM (Avens)

Splendid, compact plants with showy flowers that bloom throughout the summer. Height, 1½ feet.

Lady Stratheden. H.P. Large; double; golden yellow. Pkt. 10 cts.; ⅛oz. 50 cts.

Mrs. Bradshaw. H.P. Large; double; orange-scarlet. Pkt. 10 cts.; ⅛oz. 50 cts.

Hybrids, Mixed. H.P. A mixture of many shades. Pkt. 10 cts.; ⅛oz. 30 cts.

GLOBE AMARANTH

Gomphrena

Globosa, Mixed. A. Also known as Bachelor's Button. Plant grows about 2 feet high, with flowers that resemble cloverheads. Can be dried and used in winter bouquets. A mixture of all the colors. Pkt. 10 cts.; ¼oz. 25 cts.

GYPSOPHILA (Baby's Breath)

Free-flowering annuals and perennials. Their mist-like flowers are largely used for mixing with other cut-flowers.

Elegans alba grandiflora. A. Improved large-flowering type. Pure white. Several sowings should be made during the season. Height, 1½ feet. Pkt. 10 cts.; oz. 25 cts.

Elegans rosea. A. A delicate rose shade, equally as good for cutting as the white sort. Pkt. 10 cts.; oz. 35 cts.

Pacifica. H.P. Pink flowers coming into bloom after Paniculata. Pkt. 15 cts.; ⅛oz. 75 cts.

Paniculata. H.P. A hardy perennial that will bloom the first year if sown early. White flowers. Height, 3 feet. Pkt. 10 cts.; ¼oz. 25 cts.

Repens. H.P. A dwarf, white-flowered type, fine for rock-gardens. Blooms July and August. Pkt. 10 cts.; ⅛oz. 35 cts.

Repens rosea. H.P. Same as above but has pale rose flowers. Pkt. 10 cts.; ⅛oz. 50 cts.

GODETIA (Satin Flower) A.

A charming little annual that is very popular abroad. They do best in a cool, partially shady place, and bear showy azalea-like flowers in many rich colors.

Dwarf, Mixed. Pkt. 10 cts.; ¼oz. 25 cts.

Tall, Mixed. Pkt. 10 cts.; ¼oz. 25 cts.

GOURDS (A.)

An interesting annual climber with ornamental foliage and curious shaped fruit. Plant these for the children. **Calabash** or **Pipe, Dipper, Dish Cloth, Egg-shaped, Spoon, Chinese Water-Jug, Mixed.** Each, pkt. 10 cts.; oz. 30 cts.

HELENIUM (Sneezewort)

Hardy perennial bearing a profusion of flowers during late summer.

Hoopesi. H.P. Plants 2½ feet high, with yellow flowers. Pkt. 10 cts.; ⅛oz. 50 cts.

HELIANTHEMUM

Rock or Sun-Rose

Low-growing evergreen plant suitable for rock-gardens. Grows about 1 foot high, and is a mass of bloom during June and July.

Mutabile. H.P. A mixture of choice varieties. Pkt. 10 cts.; ⅛oz. 30 cts.

HELIANTHUS (Sunflower)

Very desirable flowers for cutting, lasting from early summer until frost.

Dwarf Chrysanthemum-flowered. A. Large, rich golden yellow flowers about 2½ feet high. Pkt. 10 cts.; ¼oz. 25 cts.

Autumn Glory. H.P. Showy yellow flowers with black centers. Height, about 6 feet. Pkt. 10 cts.; ⅛oz. 25 cts.

Gigantic Russian. A. The giant-flowering type. Oz. 10 cts.; ¼lb. 25 cts.

HELICHRYSUM (Straw Flower)

The most popular of the Everlastings. A favorite dried cut-flower.

Finest Mixed. A. All colors. Pkt. 10 cts.; ¼oz. 25 cts.

HELIOPSIS

Lemoine. H.P. Double golden yellow flowers throughout the season. Height, 3 feet. Pkt. 10 cts.; ¼oz. 25 cts.

HELIOTROPE (Cherry Pie) T.P.

A delightfully fragrant tender perennial that is used as an annual bedding plant. Flowers during the entire season. Height, 1½ feet.

Mixed. A splendid assortment of colors. Pkt. 10 cts.; ⅛oz. 30 cts.

HESPERIS (Sweet Rocket)

Plants grow about 2½ feet high, bearing showy spikes of fragrant flowers, excellent for cutting.

Mixed. H.P. All colors. Pkt. 10 cts.; ¼oz. 25 cts.

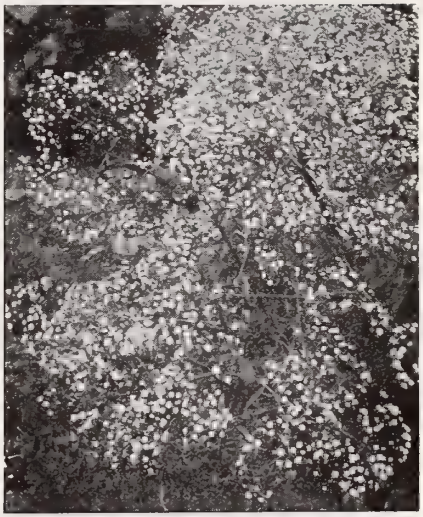
HEUCHERA

Coral Bells; Alum-Root (H.P.)

A desirable plant of easy culture, growing 2½ feet high and bearing spikes of flowers during July and August.

Sanguinea. Coral-red. Pkt. 25 cts.; ⅛oz. $1.50.

Sanguinea alba. White. Pkt. 25 cts.; ⅛oz. $1.50.



Gypsophila paniculata

Geum

Helichrysum

Select Successive Varieties for Continuous Summer Blooming

Double Hollyhock

HIBISCUS (Marsh Mallow)

Showy plants for shrubbery borders growing from 5 to 8 feet high, and covered with enormous flowers from July to September.

Mixed. H.P. All colors. Pkt. 10 cts.; ¼oz. 35 cts.

HOLLYHOCKS

One of the most stately of hardy plants, growing 5 to 7 feet high.

New Double Orange Prince. See description, page 4.

Chater's Double. H.P.
Maroon
Newport Pink
Scarlet
White
Yellow

Each, pkt. 10 cts.; ⅛oz. 30 cts.

Finest Mixed. Pkt. 10 cts.; ⅛oz. 25 cts.

Chater's Single Mixed. H.P. Superb mixture of the single varieties. Pkt. 10 cts.; ¼oz. 25 cts.

HUMULUS (Japanese Hop)

Japonicus. A. A rapid-growing climber with luxuriant foliage, attaining a height of 20 to 30 feet. Insects and drought will not trouble it. Pkt. 10 cts.; ¼oz. 25 cts.

HUNNEMANNIA (A.)

See Novelties and Specialties, page 4.

HONESTY

Lunaria; Money-Plant

Annua. B. Silvery seed-pouches used for house ornaments. Height, 2 feet. Pkt. 10 cts.; ¼oz. 30 cts.

IPOMOEA

Moonflowers; Morning-Glories

Heavenly Blue, Improved. A. Beautiful flowers of deep blue. Pkt. 10 cts.; ¼oz. 50 cts.

Rose Marie. See Novelties and Specialties, page 4.

White Moonflower (*I. noctiflora*). A. Pure white flowers with a delicate fragrance. Pkt. 10 cts.; ½oz. 25 cts.

Imperial Japanese Mixture (Morning-Glory). A. Flowers of gigantic size, with beautiful colorings. The best of all the Morning-Glories. Pkt. 10 cts.; oz. 35 cts.

KALANCHOE

See Novelties and Specialties, page 4.

KOCHIA

Summer Cypress; Mexican Firebush

Trichophylla. A. An easily grown annual that forms a perfect symmetrical bush of a bright green, which turns to a beautiful shade of crimson in the autumn. Height, 3 feet. Pkt. 10 cts.; ¼oz. 20 cts.

LANTANA (T.P.)

Desirable tender bedding plants always in bloom. Verbena-like heads of many colored flowers, 2 to 3 feet high. Seed is slow germinating.

Finest Mixed. Pkt. 10 cts.; ¼oz. 30 cts.

LARKSPUR

One of the finest of our summer-blooming annuals that will give a continuous succession of flowers from early July until frost.

Dwarf Emperor. A. A dwarf, compact type, ideal for border work. Height, 2 feet.
Ageratum Blue
Bright Rose
Soft Pink
White

Each, pkt. 10 cts.; ¼oz. 25 cts.

Mixed. Pkt. 10 cts.; ¼oz. 20 cts.

Giant Imperial Type. A. See description, page 4.

Double Tall Stock-flowered, Rosamond. See Novelties and Specialties, page 4.

LATHYRUS

Perennial Sweet Pea

Latifolius. Beautiful clusters of pea-like blossoms in delicate colors are borne continuously during the summer. **White, Red Pink,** and **Finest Mixed.** Pkt. 10 cts.; ¼oz. 20 cts.

LEPTOSYNE

Stillmani. A. Cosmos-like, golden yellow flowers five weeks after sowing. Height, 1½ feet. Pkt. 10 cts.; ¼oz. 35 cts.

LILIUM (Lily)

Regale (Regal Lily). Huge, exotic white flowers suffused pink and canary-yellow toward the center; jasmine-like fragrance. They require the same treatment as other hardy perennials, and have proved very satisfactory grown from seed. Blooms in June. Height, 3 to 4 feet. Pkt. 15 cts.; ⅛oz. 50 cts.

LIATRIS

Blazing Star; Gay Feather

Pycnostachya. H.P. Rosy purple flowers on long spikes from July to September. Height, 3 to 4 feet. Pkt. 10 cts.; ⅛oz. 60 cts.

LINUM (Flax)

Grandiflorum rubrum. A. A very showy bedding plant with large brilliant scarlet flowers all summer. Height, 15 inches. Pkt. 10 cts.; ¼oz. 20 cts.

Perenne, Blue. H.P. Bright blue flowers all summer. Height, 1½ feet. Pkt. 10 cts.; ¼oz. 20 cts.

LOBELIA

Cardinalis. H.P. A hardy variety bearing a profusion of tall spikes covered with brilliant scarlet flowers on plants 3 feet high. Blooms from early August to late September. Pkt. 25 cts.; ⅛oz. 75 cts.

Crystal Palace Compacta. A. Rich deep blue. Dark foliage. Height, 4 inches. Pkt. 10 cts.; ⅛oz. 50 cts.

Gracilis, Mixed. A. A trailing type in several colors. Pkt. 10 cts.; ⅛oz. 25 cts.

LUPINUS (Lupine)

Hartwegi. A. Easily grown, free-flowering annuals, with graceful spikes of pea-shaped flowers. Plants grow 2 feet high and bloom throughout summer and fall. Plant in light shade.
Dark Blue
Rose
Sky-Blue
White
Mixed

Each, pkt. 10 cts.; ½oz. 25 cts.

Polyphyllus. H.P. Bloom during May and June and succeed best in a rich soil, partly shaded. These do not transplant well; sow seed where they are to flower. Height, 3 feet.
Blue
Rose
Yellow
Mixed

Each, pkt. 10 cts.; ¼oz. 35 cts.

LYCHNIS

Chalcedonica. H.P. Large heads of star-shaped flaming scarlet flowers. Height, 2 feet. Pkt. 10 cts.; ¼oz. 25 cts.

Lupinus polyphyllus

Everybody Is Excited About the New Nasturtium, Golden Gleam

MARIGOLDS

The African and French Marigolds are old favorites of easy culture. The African types grow about 2½ feet high; the French, about 1 foot.

Double African Varieties

Orange, All Double. A. Produces a perfectly double bloom of deep golden orange. Pkt. 10 cts.; ¼oz. 60 cts.

Lemon, All Double. Same as above, except the color, which is a clear yellow. Pkt. 10 cts.; ¼oz. 60 cts.

Double, Mixed. Yellow and orange shades. Pkt. 10 cts.; ¼oz. 25 cts.

Dixie Sunshine. See Novelties and Specialties, page 4.

Mexican Dwarf Orange. See Novelties and Specialties, page 4.

Guinea Gold. See description, page 4.

Dwarf French Varieties

Legion of Honor (Little Brownie). A. A single-flowering type forming compact bushes 9 inches high. The flowers are golden yellow, with a blotch of dark crimson on each petal. They begin to flower in June and continue until frost. Pkt. 10 cts.; ¼oz. 25 cts.

Single Mixed. A. A select mixture of all the single varieties. Pkt. 10 cts.; ¼oz. 25 cts.

Double Mixed. A. A select mixture of all the double varieties. Pkt. 10 cts.; ¼oz. 25 cts.

Fire Cross. See description, page 4.

Robert Beist. See description, page 4.

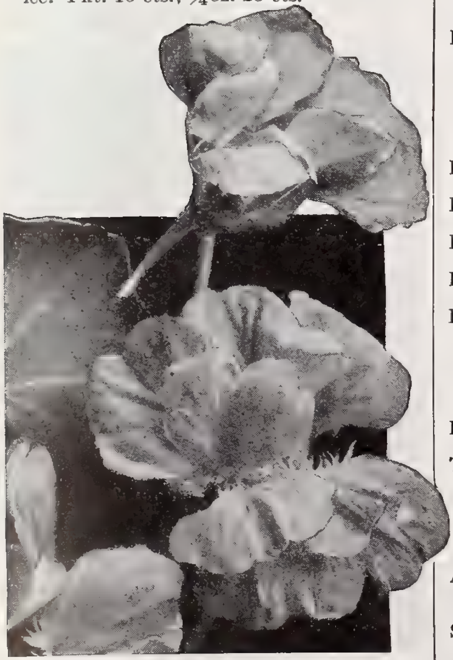
MATTHIOLA

Evening Scented Stock

Bicornis. A. An old-fashioned favorite grown for the entrancing fragrance which it emits during the evening. Height, 1½ feet. Pkt. 10 cts.; ¼oz. 25 cts.

MESEMBRYANTHEMUM

Crystallinum (Ice Plant). Dwarf, trailing annual plants. Flowers pink. Admired because the leaves appear as if frosted with ice. Pkt. 10 cts.; ¼oz. 25 cts.



Double Nasturtium, Golden Gleam

MIGNONETTE (Reseda)

An easily grown annual. Delightfully fragrant blooms. Height, 1½ feet.

Allen's Defiance. A. A deliciously fragrant sort bearing immense spikes of large flowers. Pkt. 10 cts.; ¼oz. 25 cts.

Mixed. A. A select mixture of the large-flowering varieties. Pkt. 10 cts.; ¼oz. 25 cts.

MOMORDICA

An attractive climbing vine with curious and ornamental fruits.

Balsamina (Balsam Apple). A. Apple-shaped, orange-colored fruits. Height, 10 feet. Pkt. 10 cts.; oz. 50 cts.

Charantia (Balsam Pear). A. Pear-shaped, coppery scarlet fruits. Height, 10 feet. Pkt. 10 cts.; oz. 50 cts.

MYOSOTIS (Forget-me-not)

One of the most admired of our spring flowers. Very effective when grown in masses.

Alpestris, Blue. H.P. Rich blue flowers borne profusely on plants 9 inches high. Blooms in April. Pkt. 10 cts.; ¼oz. 40 cts.

Alpestris, Pink. H.P. The pink form of the above. Pkt. 10 cts.; ¼oz. 60 cts.

Alpestris, Mixed. H.P. A mixture of blue, rose, and white. Pkt. 10 cts.; ¼oz. 30 cts.

Palustris semperflorens. H.P. Large clear blue flowers from May until fall. Pkt. 15 cts.; ⅛oz. 50 cts.

NASTURTIUM

Nothing excels these for ease of culture, duration of bloom, and brilliancy of coloring. A great profusion of gorgeous blossoms within a few weeks from the time they are sown until frost.

Dwarf, Mixed. A. A mixture of the large-flowering dwarf varieties. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.

Tall, Mixed. A. A mixture of the large-flowering climbing varieties. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.

Dwarf, Ivy-leaved. A. Dark green, ivy-like foliage in many colors. Pkt. 10 cts.; oz. 20 cts.

Double Golden Gleam. A. Still maintaining its position as one of the most popular novelties of the past two seasons. The large, double, sweet-scented, golden yellow flowers on long stems, are borne profusely on the semi-dwarf plants. Pkt. 10 cts.; oz. 35 cts.; ¼lb. $1.

Double Orange Gleam. See Novelties and Specialties, page 4.

Double Scarlet Gleam. See description, page 4.

Double Gleam Hybrids. See description, page 4.

Dwarf Double Golden Globe. See Novelties and Specialties, page 4.

Dwarf Double Gem Mixture. See Novelties and Specialties, page 4.

NEMESIA

A beautiful annual with orchid-like flowers.

Blue Gem. A. A splendid variety, 8 inches high. Myosotis blue. Pkt. 15 cts.; ⅛oz. $1.

Triumph, Mixed. A. Finest mixture of all the colors. Pkt. 10 cts.; ⅛oz. 75 cts.

NICOTIANA

Flowering Tobacco

Affinis, White. A. Pure white, delicately perfumed, blooming all season on plants 3 feet high. Pkt. 10 cts.; ¼oz. 25 cts.

Sanderae, Crimson King. A. Dark velvety crimson-red flowers. Pkt. 10 cts.; ¼oz. 30 cts.

Pansy

NIGELLA (Love-in-a-Mist)

A hardy, quick-blooming annual.

Miss Jekyll. A. Cornflower-blue blossoms, splendid for cutting. Height, 1½ feet. Pkt. 10 cts.; ¼oz. 25 cts.

OENOTHERA

Evening Primrose

Lamarckiana. H.P. Enormous yellow flowers from July to October. Height, 3 feet. Pkt. 10 cts.; ¼oz. 25 cts.

PANSIES

G. & T. Co.'s Select Giants (B.)

Seed may be sown in April and again in July and August. Do not allow seed to dry out; plant out in a rich deep soil enriched with well-rotted cow-manure. If plants from summer-sown seed are protected over the winter, they will bloom the following April.

ROGGLI'S SWISS GIANTS. B. These are remarkable Pansies of a most robust habit. The extra-large flowers come on long stems, and are particularly good for cutting.

Berna. B. Rich velvety dark blue. Pkt. 25 cts.; 1/16oz. $1.

California Giants, Mixed. Giant flowers in a fine range of colors. Pkt. 15 cts.; ⅛oz. $1.

Cardinal. B. Garnet-red. Pkt. 25 cts.; 1/16oz. $1.

Rheingold. Golden yellow, mahogany center. Pkt. 25 cts.; 1/16oz. $1.

Trimardeau, Mixed. A splendid bedding type bearing a great quantity of large blooms in every color. Pkt. 10 cts.; ¼oz. 60 cts.

Finest Mixed. A choice mixture of all the colors. Pkt. 25 cts.; 1/16oz. 75 cts.

PASSION FLOWER (Passiflora)

A beautiful, rapid-growing climber, easily grown from seed.

Mixed. T.P. Blue and White. Pkt. 10 cts.; ¼oz. 50 cts.

PENTSTEMON (Beard-Tongue)

Sensation Improved, Mixed. H.P. An exceptionally fine bedding plant about 2½ feet high, bearing spikes of gloxinia-like flowers in many bright colors. Pkt. 15 cts.; ⅛oz. 75 cts.

Platycodons Are Excellent Follow-ups for Canterbury Bells

Single Fringed Petunia

PETUNIAS

Petunias cannot be equaled for beds, porch-boxes, or window-boxes. They start flowering early and continue throughout the season.

BALCONY TYPE. A. A splendid large- and free-flowering variety for window-boxes, hanging-baskets, etc. Plants are of a spreading habit.

Deep Blue
Crimson
Rose
White
Mixed

Each, pkt. 15 cts.; 1/16oz. 50 cts.

HYBRIDA NANA ERECTA

Cockatoo. See description, page 5.

Dwarf Giants of California. A. See Novelties and Specialties, page 5.

Rose of Heaven. Rich brilliant rose. Pkt. 10 cts.; ⅛oz. 50 cts.

Rosy Morn. Soft rose-pink. Pkt. 10 cts.; ⅛oz. 60 cts.

HYBRIDA

Blue Bee. A. Deep violet-blue. Pkt. 10 cts.; ⅛oz. 50 cts.

Flaming Velvet. A. *New.* See Novelties and Specialties, page 5.

Howard's Star. Reddish purple, with white star in center. Pkt. 10 cts.; ⅛oz. 50 cts.

Striped and Blotched, Mixed. Pkt. 10 cts.; ⅛oz. 50 cts.

Extra-Fine Mixed. A special mixture of many fine varieties, striped and blotched. Fine for bedding. Pkt. 10 cts.; ¼oz. 30 cts.

NANA COMPACTA

A new strain of miniature Petunias forming a perfect compact plant.

Nana Compacta, Ruffled, Martha Washington. *New.* See Novelties and Specialties, page 5.

Finest Mixed. A. Well-balanced color-range. Pkt. 15 cts.; ⅛oz. 75 cts.

SINGLE FRINGED TYPE

Fluffy Ruffles. A. Mixture of light and dark shades, finely fringed and ruffled. Pkt. 25 cts.

Grandiflora, Dainty Lady. A. *New.* See Novelties and Specialties, page 5.

Grandiflora, Theodosia. A. Large, fringed, rose-pink blooms with clear golden yellow centers, beautifully veined. Pkt. 25 cts.

Double Fringed, Mixed. A. A splendid mixture that will produce a large percentage of giant double flowers in many bright colors. When planting out save the weaker seedlings, as these usually produce the best double flowers. Pkt. 35 cts.; 3 pkts. $1.

PHLOX DRUMMONDI

One of the most brilliant and satisfactory plants which can be easily grown from seed.

Large-flowering Tall Varieties. A. Height, 15 inches. **Rose, Scarlet, White.** Each, pkt. 10 cts.; ¼oz. 50 cts.
Mixed. Pkt. 10 cts.; ¼oz. 40 cts.

Large-flowering Dwarf, Mixed. A. Plants of this variety grow about 8 inches high. Pkt. 10 cts.; ⅛oz. 60 cts.

HARDY PHLOX, Decussata. H.P. Finest mixture of the newest varieties. Pkt. 15 cts.; ⅛oz. 50 cts.

PHYSALIS (Chinese Lantern)

Francheti. H.P. An ornamental plant about 2 feet high, producing bright orange-scarlet, lantern-like fruits, which can be cut, dried, and used for winter decorations. Pkt. 10 cts.; ¼oz. 35 cts.

Phlox drummondi

PHYSOSTEGIA

False Dragonhead

Virginica. H.P. One of the prettiest hardy perennials, growing 3 to 4 feet high and bearing, during late summer and fall, spikes of delicate pink, tubular flowers. Pkt. 10 cts.; ⅛oz. 40 cts.

PLATYCODON

Balloon Flower

An outstanding perennial, producing very showy flowers from July to October on plants 2½ feet high.

Grandiflorum. H.P. Large; steel-blue. Pkt. 10 cts.; ¼oz. 40 cts.

Grandiflorum mariesi. Large, open, bell-shaped flowers of a rich violet-blue. Plants dwarf. Pkt. 15 cts.; ⅛oz. 75 cts.

POLEMONIUM

Jacob's Ladder (H.P.)

Cæruleum. H.P. Spikes of bell-shaped blue flowers borne profusely in May and June. Plant this for the bees. Height, 2 feet. Pkt. 10 cts.; ¼oz. 25 cts.

PORTULACA

Sun Plant; Mexican Rose (A.)

A gay annual of easy culture, thriving best in an exposed sunny location. Brilliant flowers produced throughout the summer in great profusion. Height, 6 inches.

Single, Mixed. Pkt. 10 cts.; ¼oz. 25 cts.

Double, Mixed. Pkt. 10 cts.; ¼oz. 60 cts

POPPIES (Papaver)

Annual Poppies should be sown as early as possible in the spring where they are to flower, as they do not transplant well. Thin out plants to stand 3 to 4 inches apart, and keep the old blossoms cut, thus lengthening the flowering season.

SINGLE SHIRLEY.

American Legion. A. Enormous flowers of dazzling orange-scarlet on long stems. Pkt. 10 cts.; ¼oz. 30 cts.

Apricot. A. Deep apricot. Pkt. 10 cts.; ¼oz. 25 cts.

Picotee. A. White, edged scarlet. Pkt. 10 cts.; ¼oz. 25 cts.

Wild Rose. A. Soft, wild-rose-pink. Pkt. 10 cts.; ¼oz. 25 cts.

Finest Mixed. A. A wide range of colors. Pkt. 10 cts.; ¼oz. 25 cts.

Double Shirley, Mixed. See description, page 5.

Flanders. A. Dwarf. Orange-scarlet with black cross. Pkt. 10 cts.; ¼oz. 25 cts.

ICELAND (*P. nudicaule*). These are hardy perennials that will flower the first year from seed. They are of neat habit with bright green, fern-like foliage, bearing graceful spikes of brilliant flowers in endless profusion. Height, 15 inches.

Single Yellow. H.P. Pkt. 10 cts.; ¼oz. 50 cts.

Double Mixed. H.P. Pkt. 15 cts.; ⅛oz. 50 cts.

ORIENTAL (*P. orientale*). Sow seed early in spring. The resulting plants will disappear in July and August, appearing again as the weather gets cool. When this growth starts they should be transplanted to their permanent flowering quarters.

Scarlet. H.P. Magnificent flowers of brilliant scarlet. Pkt. 10 cts.; ¼oz. 35 cts.

Mixed. H.P. A select mixture of the named sorts. Pkt. 10 cts.; ¼oz. 50 cts.

ALPINE POPPIES. H.P. This miniature hardy Poppy is excellent for rock-gardens, with blooms of marvelous colors. Pkt. 25 cts.

PUERARIA (Kudzu Vine)

Thunbergiana. H.P. The fastest growing, hardy climbing plant. It will grow 8 to 10 feet the first year, and after it has become established, 50 feet in a season is not unusual. The foliage is large and bears rosy purple pea-shaped blossoms in late August. Pkt. 10 cts.; ¼oz. 20 cts.

Shirley Poppy

Believe It or Not—Pyrethrums Are Really Chrysanthemums

PRIMULA (Primrose)

Plant these in a partially shaded location where they will have a fair amount of moisture.

Japonica (Japanese Primrose). H.P. A mixture of bright showy flowers. Height, 1½ feet. Pkt. 15 cts.

Kewensis. The flowers are bright yellow and fragrant. Pkt. 25 cts.

Malacoides (Giant Baby Primrose). A popular pot-plant for winter and spring blooming. Branching habit. Light lilac. Pkt. 25 cts.

Malacoides, Choice Mixed. Pkt. 25 cts.

Veris (English Cowslip). H.P. Fine range of mixed colors. Height, 6 to 9 inches. Pkt. 15 cts.

Vulgaris (English Primrose). H.P. Fragrant canary-yellow blossoms. Height, 6 inches. Pkt. 15 cts.

PYRETHRUM (Painted Daisies)

Large daisy-like flowers on plants 2 feet high. Exceptionally fine for cutting.

Single, Mixed. H.P. Pkt. 10 cts.; ¼oz. 60 cts.

Double, Mixed. H.P. Pkt. 25 cts.; ⅛oz. 75 cts.

RUDBECKIA (Cone Flower)

Hirta (Black-eyed Susan). H.P. Golden yellow flowers with dark centers in late summer and fall. Height, 3 feet. Pkt. 10 cts.; ¼oz. 50 cts.

SALPIGLOSSIS

Painted Tongue (A.)

A beautiful annual in a most unusual range of colors. They produce freely, from midsummer until frost, their orchid-like flowers on plants 2½ feet high.

Brown and Gold
Crimson and Gold
Light Blue and Gold
Purple and Gold
Rose and Gold
Violet and Gold

Each, pkt. 10 cts.; ¼oz. 50 cts.

Mixed. Pkt. 10 cts.; ¼oz. 40 cts.

Primula veris

SALVIA (Scarlet Sage)

Start the seed indoors in March and April, and set out when the weather has become settled.

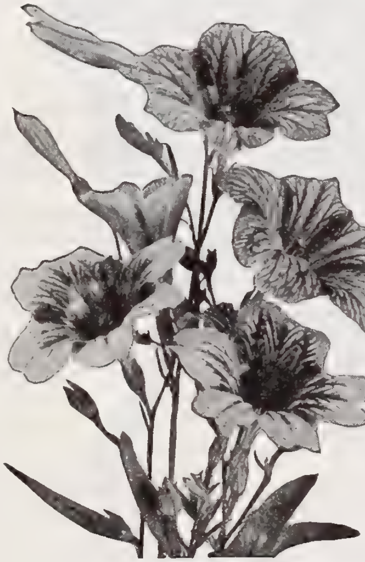
Bonfire. A. One of the finest Salvias. Compact bushes about 2 feet high, with brilliant scarlet flower-spikes. Pkt. 10 cts.; ⅛oz. 50 cts.

Farinacea. See description, page 5.

Harbinger. See description, page 5.

SCARLET RUNNER BEANS (A.)

An ornamental climber bearing large sprays of bright scarlet blossoms followed by edible beans of excellent flavor. Rich green foliage. Height, 12 to 15 feet. Pkt. 10 cts.; oz. 20 cts.



Salpiglossis

SCABIOSA

Mourning Bride; Pin-Cushion Flower

The annual type grows quickly from seed and is superb for cutting. It grows 2½ feet high, and starts blooming in July, continuing until frost.

Large-flowered Tall Double Annual Varieties

Azure Fairy. Clear lavender-blue. Pkt. 10 cts.; ¼oz. 30 cts.

Crimson. Rich crimson. Pkt. 10 cts.; ¼oz. 30 cts.

Flesh-Pink. Delicate pink. Pkt. 10 cts.; ¼oz. 30 cts.

King of the Blacks. Reddish black. Pkt. 10 cts.; ¼oz. 30 cts.

Yellow. Sulphur-yellow. Pkt. 10 cts.; ¼oz. 30 cts.

Mixed. All colors. Pkt. 10 cts.; ¼oz. 25 cts.

Fiery Scarlet. See description, page 5.

Loveliness. See description, page 5.

Peach Blossom. See description, page 5.

Shasta. See description, page 5.

Perennial Varieties

Caucasica alba. H.P. A pure white variety, fine for cutting. Height, 3 feet. Pkt. 10 cts.; ⅛oz. 50 cts.

Isaac House Strain. H.P. See description, page 5.

Japonica. H.P. A Japanese variety, bearing a profusion of long-stemmed, lavender-blue flowers all summer. Height, 2½ feet. Pkt. 10 cts.; ¼oz. 35 cts.

Single Pyrethrum

SCHIZANTHUS

Butterfly Flower

Grandiflora Hybrids. A. One of the greatest and finest annuals. Bright, showy, butterfly-like blooms, splendid for corsages.

- **Purple Shades.** Purple and very dark blues. Pkt. 25 cts.
- **Sunset Hybrids.** Bright red and carmine shades, with delicate gold markings. Pkt. 25 cts.

SEDUM (Stonecrop) H.P.

Splendid for rock-gardens and rock walls.

Mixed. Pkt. 25 cts.

SOLANUM

Capsicastrum (Jerusalem Cherry). Beautiful dwarf pot-plant for decoration. Bears a profusion of bright scarlet, globular berries. Height, 1 foot. Pkt. 15 cts.

STATICE (Sea Lavender)

A very popular flower that is used in combination with other Everlastings in winter bouquets.

Latifolia. H.P. Purplish blue flowers, borne profusely on plants 2½ feet high. Pkt. 10 cts.; ⅛oz. 40 cts.

Sinuata. A. A choice mixture of all colors. Pkt. 10 cts.; ¼oz. 25 cts.

Suworowi (Russian Statice). A. Long spikes closely set with bright rose blooms. Height, 1½ feet. Pkt. 10 cts.; ⅛oz. 25 cts.

STEVIA

Serrata. T.P. Free-blooming plants for summer or winter use, bearing a profusion of fragrant white flowers that are excellent for cutting. Height, 2 feet. Pkt. 15 cts.

Mixed Sweet Peas Are Prettier Than Single Colors

Stocks

STOCKS (Gilliflower) A.

One of the oldest and best-loved garden flowers, being unsurpassed for brilliance of color, fragrance, and profusion of bloom.

Double Early Giant Imperial (Improved Bismarck). See Novelties and Specialties, page 5.

Long-stemmed Champion Column. See Novelties and Specialties, page 5.

Large-flowering Dwarf, Ten-Weeks Stocks. A dwarf, compact sort coming into flower quicker than the other types. Height, 12 to 15 inches.

Azure-Blue
Canary-Yellow
Crimson
Deep Rose
Flesh-Pink
Lavender

Each, pkt. 10 cts.; ⅛oz. 60 cts.

Mixed. Pkt. 10 cts.; ⅛oz. 50 cts.

STOKESIA (Cornflower Aster)

A hardy perennial about 2 feet high bearing large, aster-like flowers from July till frost.

Cyanea. H.P. Lavender-blue. Pkt. 10 cts.; ⅛oz. 35 cts.

Mixed. H.P. Blue and White. Pkt. 10 cts.; ⅛oz. 50 cts.

SWEET WILLIAM

Dianthus barbatus (B.)

A well-known attractive free-flowering biennial. Height, 1½ feet.

Single Newport Pink. Pkt. 15 cts.; ¼oz. 50 cts.

Single Dark Crimson. Pkt. 10 cts.; ¼oz. 25 cts.

Single, Finest Mixed. Pkt. 10 cts.; ¼oz. 25 cts.

Double, Finest Mixed. Pkt. 10 cts.; ¼oz. 30 cts.

SWEET PEAS (A.)

Culture. Work soil at least 18 inches deep, and use liberal amount of well-rotted cow-manure. Plant seed about 1 inch deep and 3 inches apart. Later, thin out the plants to 6 to 8 inches apart. Do not water the seed until they have germinated and then give a good soaking.

Summer-flowering Spencer

Ascot. Pale pink.
Austin Frederick Imp. Rosy lavender.
Avalanche. Pure white.
Barbara. Soft salmon-pink.
Floradale Purple. Deep purple.
Matchless. Deep cream.
Ruffled Rose. Soft rich rose, ruffled.
Sunset. Bright carmine-rose.
The Admiral. Violet-blue.
Welcome. Dazzling scarlet.

Each, pkt. 10 cts.; oz. 30 cts.; ¼lb. 90 cts.

Superb Mixed. Containing a fine selection of the largest and most attractive named Spencer varieties. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $1.75.

G. & T. Co.'s Fine Mixed. A fine mixture of the newest colors and shades. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; lb. 90 cts.

Cupid, Dwarf Mixed. Grows about 6 inches high and blooms all summer. All colors. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.

New Early or Winter-flowering Spencer

Aviator. Dazzling crimson.
Ball's Orange. Rich orange.
Blue Bonnet. Best clear blue.
Glitters. Brilliant cerise.
Harmony. Clear lavender.
Jeanne Mamitsch. Bright rich pink.
Lavender King. Good lavender.
Mrs. Herbert Hoover. Clear blue.
White Harmony. (Black-seeded.) White.
Zvolanek's Rose. Bright rose-pink.

Each, pkt. 15 cts.

HARDY SWEET PEA. See Lathyrus.

Sweet Peas

Trollius europæus

TAGETES (Miniature Marigold)

Signata pumila. A. A dwarf, compact Marigold with fern-like foliage, covered with bright yellow blooms all season. Height, 9 inches. Pkt. 10 cts.; ¼oz. 40 cts.

THUNBERGIA (A.)

A rapid-growing climber used extensively in hanging-baskets, on low fences, etc. Flowers in shades of buff, white, and orange, with dark eyes. Height, 4 feet.

Mixed. Pkt. 10 cts.; ¼oz. 30 cts.

TORENIA

Fournieri. A. A splendid annual for hanging-baskets, vases, and borders. Covered the entire season with sky-blue flowers having bright yellow centers. Pkt. 10 cts.; ⅛oz. 60 cts.

TRITOMA

Red-Hot Poker; Torch Lily

Hybrida. H.P. Easily grown from seed, many flowering the first year if sown early. Very showy, ranging in color from pale yellow to deep orange. Blooms from August to October. Height, 3 to 4 feet. Pkt. 10 cts.; ⅛oz. 35 cts.

TROLLIUS (Globe Flower)

Europæus. H.P. Golden yellow flowers, like huge buttercups. In bloom from May to August. They prefer a well-drained, partly shady position. Height, 2 feet. Pkt. 25 cts.

URSINIA

See description, page 5.

VALERIANA (Garden Heliotrope)

Hardy perennial 2½ feet high, with panicles of flowers having the odor of heliotrope.

Pink or **White.** H.P. Each, pkt. 10 cts.; ¼oz. 30 cts.

Grandmother Would Not Know the Zinnias of Today

VERBENAS

A brilliant free-flowering annual in bloom from July till frost.

Mammoth-flowering Varieties. A.

Blue Shades
Golden Yellow
Pink
Scarlet
White

Each, pkt. 10 cts.; ⅛oz. 30 cts.

COLLECTION: One pkt. each of the above 5 colors, 40 cts.

Mixed. Pkt. 10 cts.; ⅛oz. 25 cts.

New Dwarf Compact Varieties. See description, page 5.

Venosa (Hardy Verbena). H.P. Plants grow 1 foot high and bear bright purple flowers all summer. Pkt. 10 cts.; ¼oz. 50 cts.

VERONICA (Speedwell)

A perfectly hardy plant that will thrive under most any condition.

Spicata. H.P. Bright blue flowers in June and July. Height, 1½ feet. Pkt. 10 cts.; ⅛oz. 60 cts.

Prostrata. H.P. Bright blue flowers in June. Height, 3 to 4 inches. Pkt. 15 cts.; ⅛oz. 75 cts.

VINCA (Periwinkle; Old Maid)

Free-blooming annual bedding plant with shiny, bright green foliage. Height, 12 to 15 inches.

White or **Rose.** A. Each, pkt. 10 cts.; ¼oz. 50 cts.

VIOLA (Tufted Pansies) H.P.

Closely related to pansies and very free blooming. Dwarf, compact plants unexcelled for rock-gardens.

Apricot. Rich apricot shade, blending into a deep orange center. Pkt. 15 cts.

Blue Gem (Jersey Gem). Deep violet-blue flowers from May until fall. Pkt. 25 cts.

Choice Mixed. A mixture of all shades. Pkt. 10 cts.; ⅛oz. 50 cts.

Cornuta, Mixed. A mixture of all the finest sorts. Pkt. 10 cts.; ⅛oz. 60 cts.

Odorata. (Single Sweet Violet.) Pkt. 15 cts.; ⅛oz. 60 cts.

WALLFLOWER (T.P.)

Beautiful, fragrant flowers in many colors. Blooms in early spring. Height, 2 feet.

Double, Mixed. Pkt. 15 cts.

Mammoth-flowering Verbenas

Giant Double Dahlia-flowered Zinnia

ZINNIAS (Youth and Old Age)

Showy plants bearing a profusion of brilliant-colored flowers throughout the season. One of our most popular annuals, succeeding with everyone.

Giant Double Dahlia-flowered

Plants grow 2 to 3 feet high, bearing huge, fully double flowers, which resemble the dahlia.

***Canary Bird.** Rich canary-yellow.
***Crimson Monarch.** Deep crimson.
***Dream.** Deep lavender.
***Exquisite.** Light rose with deep rose center.
***Golden State.** Yellow-orange, turning to orange.
***Old Rose.** True old-rose shade.
Oriole. A bicolor flower of orange and gold.
Polar Bear. Pure white.
Scarlet Flame. Brilliant scarlet.

Each, pkt. 10 cts.; ¼oz. 50 cts.

COLLECTION: One pkt. each of above 6 varieties marked* 50 cts.

Finest Mixed. A select mixture of all colors. Pkt. 10 cts.; ¼oz. 35 cts.

Lilliput or Pompon

Small, compact flowers on strong stems, fine for cutting.

Canary-Yellow
Crimson Gem
Flesh-Pink
Rose-Pink
White Gem
Purple Gem

Each, pkt. 10 cts.; ¼oz. 35 cts.

Mixed. Pkt. 10 cts.; ¼oz. 25 cts.

SCABIOUS-FLOWERED MIXTURE. See Novelties and Specialties, page 5.

California Giants

Plants are taller than the Dahlia-flowered type, growing 3 to 4 feet high and bearing long stems of mammoth flowers.

***Brightness.** Bright pink.
***Daffodil.** Canary-yellow.
***Grenadier.** Dark red.
***Lavender Gem.** Deep lavender.
Miss Willmott. Soft pink.
Orange Queen. Golden orange.
***Scarlet Gem.** Glowing scarlet.
***Purity.** Pure white.

Each, pkt. 10 cts.; ¼oz. 35 cts.

COLLECTION: One pkt. each of above 6 varieties marked* 50 cts.

Finest Mixed. A choice mixture of all colors. Pkt. 10 cts.; ¼oz. 30 cts.

Various Zinnias

Dwarf Double, Mixed (Cut-and-Come-Again). Plants grow about 1½ feet high, bearing large, double flowers in good clear colors. Pkt. 10 cts.; ¼oz. 25 cts.

Curled and Crested, Mixed. The petals are curled and crested into many graceful forms. Comprising all the brilliant colors. Pkt. 10 cts.; ¼oz. 30 cts.

Pumila Picotee Delight, Mixed. A fine cut-flower. Blooms medium size; petals curled, with picotee markings. Pkt. 10 cts.; ¼oz. 50 cts.

Haageana Hybrids (Mexican Zinnia). A dwarf variety about 10 inches high, bearing small, double flowers in many attractive colors. Pkt. 10 cts.; ¼oz. 50 cts.

Fantasy. See description, page 5.

Anchusa myosotidiflora

Aster, Queen Mary

Dianthus deltoides

Hardy Perennial and

The following choice varieties are grown in 3-inch pots. They are carried over the winter in coldframes and are not newly transplanted. Our perennial plants are available from March 15 to June 15, and from September 15 to November 30.

The varieties marked with an asterisk (*) are suitable for rock-gardens.

Except where otherwise noted, plants are 25 cts. each; $2.50 per doz.; $15 per 100

We do not send perennial plants by Parcel Post

	Height	Location	Blooms
Achillea millefolium roseum. Rose	2 ft.	Sun	July–Oct.
tomentosa. Yellow	1 ft.	Sun	June
***Ajuga** genevensis. Blue	6 in.	Shade	May
***Alyssum** saxatile compactum. Yellow	1 ft.	Sun	April, May
Anchusa italica, Dropmore var. Blue	4 ft.	Sun	May–Aug.
* myosotidiflora. Blue	1 ft.	Sun, Shade	May
Anemone hupehensis. Pink	1 ft.	Shade	Sept., Oct.
* pulsatilla. Violet	9 in.	Shade	April, May
japonica. Rose	3 ft.	Shade	Sept., Oct.
Aquilegia alpina. Blue	6–10 in.	Sun, Shade	May, June
Mrs. Scott Elliott's Strain. Mixed	2 ft.	Sun, Shade	May, June
***Arabis** alpina. White	6 in.	Sun, Shade	April, May
***Armeria** laucheana. Rosy crimson	6 in.	Sun, Shade	Summer
Artemisia, Silver King. White leaves	3 ft.	Sun	June, July
***Aster** alpinus. Blue	6–8 ft.	Sun	May, June
Blue Gem. Blue	4 ft.	Sun	Sept., Oct.
* Mauve Cushion. Mauve	9 in.	Sun	Oct., Nov.
Queen Mary. Blue	2½ ft.	Sun	Sept., Oct.
Astilbe (Spirea). Pink	18–20 in.	Shade	May
White	18–20 in.	Shade	May
***Aubrietia** leichtlini. Purple	4–5 in.	Sun	April
***Bellis** perennis. Mixed	6 in.	Sun, Shade	April, May
Campanula calycanthema. Blue	2 ft.	Sun	June
calycanthema. White	2 ft.	Sun	June
calycanthema. Pink	2 ft.	Sun	June
* carpatica. Blue	8 in.	Sun	July, Aug.
* carpatica. White	8 in.	Sun	July, Aug.
* garganica. Blue	4 in.	Sun	June
* muralis. Blue	4 in.	Sun	June, July
* rotundifolia. Blue	1 ft.	Sun	June–Oct.
Centaurea macrocephala. Yellow	3 ft.	Sun	July, Aug.
montana. Blue	2 ft.	Sun	July–Sept.
***Cerastium** tomentosum. White	6 in.	Sun	May, June
***Cheiranthus** allioni. Orange	1 ft.	Sun	June
Chelone lyoni. Red	2 ft.	Sun, Shade	Aug., Sept.
Chrysanthemum, Alaska (Shasta Daisy). White	2 ft.	Sun	June, July
Coreopsis. Yellow	2 ft.	Sun, Shade	June–Oct.
Delphinium belladonna. Light blue	3 ft.	Sun	June, July
bellamosa. Dark blue	3 ft.	Sun	June, July
Blackmore & Langdon's New Hybrids. 1934 Strain. Clumps, 50 cts. each; $5 per doz.	5–8 ft.	Sun	June–Oct.
grandiflorum (Chinese). Dark blue	1 ft.	Sun	June, July
Wrexham Strain Hybrids. Blue shades. 35 cts. each; $3.50 per doz.	5–8 ft.	Sun	June, July
***Dianthus** allwoodi. Mixed	8–10 in.	Sun	May, June
barbatus, Newport Pink (Sweet William)	1 ft.	Sun	May
barbatus. Deep red	1 ft.	Sun	May
barbatus. White	1 ft.	Sun	May
* deltoides. Rose	8 in.	Sun	May, June
* deltoides. White	8 in.	Sun	May, June
* plumarius semperflorens (Dwarf). Mixed	8 in.	Sun	May–Sept.
Dicentra eximia	8–10 in.	Sun, Shade	June–Oct.
spectabilis. 35 cts. each; $3.50 per doz.	15–24 in.	Sun, Shade	June
Digitalis (Foxglove). White	4–5 ft.	Sun	June, July
Rose	4–5 ft.	Sun	June, July
Purple	4–5 ft.	Sun	June, July
grandiflora. Yellow	2–3 ft.	Sun	June, July
Eupatorium cœlestinum. Purple	1 ft.	Sun	Aug.–Oct.
Gaillardia, Portola Hybrids. Mixed	2 ft.	Sun	May–Oct.
Gypsophila, Bristol Fairy. White. Clumps, 30 cts. each; $3 per doz.	2 ft.	Sun	June, July
paniculata. White	3 ft.	Sun	June, July
repens. White	Trailing	Sun	June
Helenium autumnale. Yellow	4–5 ft.	Sun	Sept., Oct.
Hemerocallis thunbergi (Day-Lily). Yellow	3 ft.	Sun, Shade	July, Aug.
***Helianthemum** mutabile (Rock Rose). Mixed	8–12 in.	Sun	June, July
Hesperis (Sweet Rocket). Mixed	2–4 ft.	Sun	May
Heuchera sanguinea (Coral Bells). Crimson	1 ft.	Sun	June–Sept.
Hibiscus, Red. (Clumps.)	5–6 ft.	Sun, Shade	July, Aug.
Pink	5–6 ft.	Sun, Shade	July, Aug.
White	5–6 ft.	Sun, Shade	July, Aug.
Hollyhock, Double, Rose. (Pots.)	5–6 ft.	Sun	July
White. (Pots.)	5–8 ft.	Sun	July
Pink. (Pots.)	5–8 ft.	Sun	July
Yellow. (Pots.)	5–8 ft.	Sun	July
***Iberis** sempervirens (Hardy Candytuft). White	5 in.	Sun	April, May
***Lavandula** vera. Blue	1 ft.	Sun	July–Sept.
***Leontopodium alpinum** (Edelweiss). White	4 in.	Sun	June, July

Rock-Garden Plants

	Height	Location	Blooms
***Linum** flavum (Flax). Yellow	1 ft.	Sun	June, July
* perenne. Blue	18 in.	Sun	May–Sept.
Lobelia cardinalis. Red	2–3 ft.	Shade	July
***Lychnis** alpina. Rose	6 in.	Sun	April
***Matricaria** (Feverfew). Yellow	10–12 in.	Sun	June–Aug.
Monarda (Bergamot). Red	3 ft.	Sun	June–Aug.
***Myosotis** palustris (Everblooming Forget-me-not). Blue	8 in.	Shade	Summer
***Nepeta** mussini. Mauve	8 in.	Sun	April–June
Papaver orientale, Orange-red	3 ft.	Sun	June, July
orientale, Blood-red	3 ft.	Sun	June, July
orientale, Salmon-pink	3 ft.	Sun	June, July
***Phlox** amœna. Pink	4–6 in.	Sun	April, May
* divaricata. Blue	10 in.	Sun, Shade	May
* ovata (Carolina Phlox). Rosy red	1 ft.	Sun	June, July
* subulata atropurpurea. Blood-red	3 in.	Sun	April, May
* subulata, Vivid. Rose-red	3 in.	Sun	April, May
Physostegia virginica. Pink	3 ft.	Sun, Shade	July, Aug.
Vivid	3 ft.	Sun, Shade	July, Aug.
Platycodon mariesi. Blue	1 ft.	Sun	July–Oct.
***Plumbago** larpentæ. Blue	6 in.	Sun	July–Oct.
***Potentilla** Hybrid. Pink	1 ft.	Sun	June–Sept.
***Primula** cashmeriana. Blue .... 30 cts. each; $3 per doz.	10 in.	Sun, Shade	March–May
* All Colors, Mixed	6 in.	Sun, Shade	April, May
* Yellow	6 in.	Sun, Shade	April, May
Pyrethrum roseum. Pink	2 ft.	Sun	May, June
rubra. Red	2 ft.	Sun	May, June
Salvia greggi. Pink .... 30 cts. each; $3 per doz.	2 ft.	Sun	July–Oct.
pitcheri. Blue	3 ft.	Sun	Sept.
***Saponaria** ocymoides. Pink	Trailing	Sun	May–July
Scabiosa caucasica. Lilac-blue	2 ft.	Sun	June–Aug.
japonica. Lavender-blue	2 ft.	Sun	June–Sept.
Sedum (25 varieties)			
Sempervivum (20 varieties)			
***Silene** orientalis. Rose	6 in.	Sun, Shade	June–Sept.
***Thymus** citriodorus. Yellow	4 in.	Sun	June, July
Tritoma Hybrids (Red-Hot Poker). Mixed	2 ft.	Sun	Aug., Sept.
Trollius	18–24 in.	Shade	June
***Tunica** saxifraga. Pink	6 in.	Sun, Shade	July–Sept.
Valeriana. Crimson	24–30 in.	Sun	June–Sept.
***Veronica** incana. Purple	1 ft.	Sun	July, Aug.
longifolia subsessilis. Deep blue	2 ft.	Sun	July–Oct.
* repens. Light blue	3 in.	Sun	May
Veronica, Royal Blue. Blue	18 in.	Sun	July
* rupestris. Blue	3 in.	Sun	June
spicata. Blue	18 in.	Sun	June, July
* venosa. Purple	6 in.	Sun	June–Oct.
Verbena canadensis. Purple	Trailing	Sun, Shade	June–Sept.
***Vinca** minor (Periwinkle). Blue	Trailing	Sun, Shade	April, May
***Viola** bicolor	4 in.	Sun	May–Oct.
* Ilona. Red	5 in.	Sun	May–Oct.
* Jersey Gem. Violet	4 in.	Sun	April–Oct.
* Little Gem (Dwarf Jersey Gem)	3–4 in.	Sun	April–Oct.
* Pink Pearl	3 in.	Sun	April–Oct.
* Sutton's Apricot. Apricot	5 in.	Sun	May–Oct.
* White Perfection. White	5 in.	Sun	April–Oct.
* Yellow Gem. Yellow	5 in.	Sun	April–Oct.

Phlox divaricata

Veronica longifolia subsessilis

ANNUAL PLANTS

The following plants will be ready for delivery May 1. They are all grown in 3-inch pots, under our supervision, and are guaranteed true to color. Most of them will be in bud or bloom when you receive them, and will produce a good display in a very short time.

	Doz.
Ageratum, Dwarf Blue	$0 75
Alyssum, Dwarf White	75
Amaranthus, Molten Fire	1 00
Antirrhinum, Giant-flowering Dwarf and Tall, in Orange, Crimson, Scarlet, Yellow, Salmon-Pink, White	1 00
Asters, California Giants Improved. Apple Blossom, Carmine, Dark Purple, Deep Rose, Light Blue, White	75
Cannas. All colors.....$10 per 100	1 50
Calendula, Orange King and Lemon Queen	75
Carnations, Marguerite, Mixed	1 00
Coleus	75
Cosmos, Early Single Mixed and Late Single Mixed	75
Dahlias, Unwin's Dwarf	1 00
Dusty Miller	75
Gaillardia, Indian Chief	1 00
Moon Vine, Heavenly Blue	1 00
Heliotrope	1 00
Kochia (Mexican Firebush)	75

	Doz.
Lantanas, Mixed	$1 00
Lobelia, Dwarf Blue	75
Marigold, Guinea Gold	1 00
Marigold, Little Brownie	75
Nasturtium, New Double Gleam Hybrids	1 00
Nemesia, Blue Gem	1 00
Petunia, Rosy Morn	75
Petunia, Dwarf Giants of California, Mixed	1 00
Petunia, Balcony, Blue, Rose, Red, White	75
Petunia, Fringed Mixed	1 00
Phlox, Dwarf Mixed	75
Salpiglossis, Mixed	1 00
Salvia, Bonfire (Scarlet Sage)	75
Stocks, Mixed	1 00
Verbena, Mixed	75
Zinnia, Fantasy	1 00
Zinnia, Dahlia-flowering. Golden State, Crimson Monarch, Dream, Exquisite, Polar Bear, Old Rose	75

Viola

Griffith & Turner's Choice Dahlias

Dahlia, Jersey's Beauty

Our list of Dahlias now includes many of the higher-priced varieties at more attractive prices. In order to properly describe Dahlias as to the type of flower, the American Dahlia Society has adopted a classification—the key of which we give you—showing the class to which the variety belongs.

F.D., Formal Decorative
Semi-C. Semi-Cactus
C. Cactus
I.D., Informal Decorative
S.C., Straight Cactus

Tubers available from March 15 to June 1.

Ambassador. (S.C.) Soft yellow, shading to salmon-pink. 50 cts. each; $5 per doz.

American Triumph. (C.) Rich red, of intense beauty. 50 cts. each; $5 per doz.

Canary Cup. (I.D.) Large rich canary-yellow blooms with lighter reverse, and of great depth. $1 each; $10 per doz.

Chemar's Eureka. (F.D.) White with light touch of lavender. 50 cts. each; $5 per doz.

City of Trenton. (I.D.) Rich tangerine. 30 cts. each; $3 per doz.

Ellinor Vanderveer. (F.D.) Large blooms of rose-pink. 20 cts. each; $2 per doz.

Jane Cowl. (I.D.) Giant buff and old-gold blooms, blended darker toward center. 25 cts. each; $2.50 per doz.

Jersey's Beacon. (F.D.) Large, Chinese-scarlet blooms, pale on the reverse, giving a two-toned effect. 25 cts. each; $2.50 per doz

Jersey's Beauty. (F.D.) Finest true pink. Beautiful large flowers of perfect form. 20 cts. each; $2 per doz.

Kathleen Norris. (I.D.) Massive, rose-pink blooms. 40 cts. each; $4 per doz.

Kemp's Fort Monmouth. (I.D.) Rich crimson-maroon petals, tipped with bluish violet. An immense flower. 40 cts. each; $4 per doz.

Kemp's Violet Wonder. (I.D.) Violet with undertone of royal purple. 40 cts. each; $4 per doz.

Kentucky. (F.D.) A sport of Jersey's Beauty. Brilliant salmon-orange, shading to orange-yellow at base of petals. 30 cts. each; $3 per doz.

Margaret Woodrow Wilson. (I.D.) Large, creamy white flowers, shaded with pink, and having a deep pink reverse. 25 cts. each; $2.50 per doz.

Maryland's Beacon Light. (I.D.) Chinese scarlet-red, back of petals a warm buff. $1 each; $10 per doz.

Maryland's Chieftain. (I.D.) Pale orange-yellow with a center of grenadine-pink. 75 cts. each; $7.50 per doz.

Maryland's Glory. (F.D.) 1931 Roll of Honor. A large deep American Beauty red. $1 each; $10 per doz.

Maryland's Orange. (S.C.) 1930 Roll of Honor, and a gold medal winner. A brilliant combination of red and orange, orange predominating. $1 each; $10 per doz.

Mrs. I. de Ver Warner. (I.D.) Deep mauve-pink. 20 cts. each; $2 per doz.

New Glory. (S.C.) Variegated ox-blood-red and white. 50 cts. each; $5 per doz.

Queen of the Garden Beautiful. (F.D.) An enormous primrose-yellow Dahlia. 40 cts. each; $4 per doz.

Sagamore. (F.D.) Light apricot-buff, shading orange-buff toward the center. 20 cts. each; $2 per doz.

The World. (F.D.) Rich deep rosy magenta, overlaid violet, with silver shadings on edges of petals. 30 cts. each; $3 per doz.

Thomas A. Edison. (F.D.) Large, rich royal purple blooms. 40 cts. each; $4 per doz.

Treasure Island. (F.D.) Apricot and gold, with rose suffusion. 40 cts. each; $4 per doz.

POMPON DAHLIAS

Little David. Orange-scarlet.
Bob-White. Pure white.
Aimee. Bronze.
Rosea. Rose.
Takas Purple. Carmine-purple.
Sunny Cal. Bright yellow.

Any of above Pompons, 30 cts. each; $3 per doz.

SINGLE DAHLIAS

Yellow **White** **Pink**
Red **Bicolor**

Any of above Single Dahlias, 30 cts. each; $3 per doz.

DAHLIAS TO COLOR

These are good large varieties, named sorts but labeled only as to color. Large tubers furnished in the following colors: **Red, Pink, Yellow, Lavender,** and **White.** 15 cts. each; $1.50 per doz.

DAHLIA PLANTS

The above listed varieties can be furnished, on or about May 25, in plants at one-half the price of tubers.

The varieties listed below are furnished in plants **only.**

Amelia Earhart. (S.C.) Very new. Beautiful red. $1 each; $10 per doz.

American Legion. (S.C.) One of the largest Dahlias—a giant clear yellow. 50 cts. each; $5 per doz.

Murphy's Masterpiece. (I.D.) Huge Dahlia of dark red, shading toward garnet —a marvelously dark and rich color. A sure winner in the "large" class. $1 each; $10 per doz.

Satan. (S.C.) Flaming scarlet with orange-salmon at base of each petal. Blooms average 10 to 12 inches in diameter. 75 cts. each; $7.50 per doz.

Griffith & Turner's Fine Canna Roots

Available during March and April

Ambassador. Brilliant rich cherry-red. Rich bronze foliage and stalk. Height, 4 feet. 8 cts. each; 80 cts. per doz.; $5.50 per 100.

Apricot. Buff-yellow base, with salmon-pink. Green foliage. Height, 4 feet. 8 cts. each; 80 cts. per doz.; $5.50 per 100.

Crimson Bedder. Intense crimson. Green foliage. Height, 3½ feet. 8 cts. each; 80 cts. per doz.; $5.50 per 100.

Eureka. By far the very best white Canna ever introduced. Large, showy trusses. Height, 4½ feet. 8 cts. each; 90 cts. per doz.; $6 per 100.

Golden Gate. Opens a pure gold, but soon becomes richly rayed with orange-crimson and apricot centering to the throat. Green foliage. Height, 4 feet. 5 cts. each; 50 cts. per doz.; $3.50 per 100.

Hungaria. Rich soft pink flowers. Green foliage. Height, 4 feet. 5 cts. each; 50 cts. per doz.; $3.50 per 100.

King Humbert. Orange-scarlet. Bronze foliage. Height, 5 feet. 5 cts. each; 50 cts. per doz.; $3.50 per 100.

Yellow King Humbert. Yellow flowers blotched red. Green foliage. Height, 4 feet. 5 cts. each; 50 cts. per doz.; $3.50 per 100.

Madam Crosy. Brilliant vermilion-scarlet. Green foliage. Height, 3½ feet. 8 cts. each; 80 cts. per doz.; $5.50 per 100.

Mrs. Alfred F. Conard. Salmon-pink. Green foliage. Height, 4 feet. 8 cts. each; 80 cts. per doz.; $5.50 per 100.

Orange Bedder. Bright orange, suffused scarlet. Green foliage. Height, 4 feet. 8 cts. each; 80 cts. per doz.; $5.50 per 100.

Richard Wallace. Canary-yellow. Green foliage. Height, 4 feet. 5 cts. each; 50 cts. per doz.; $3.50 per 100.

Rosea Gigantea. Rose-pink. Green foliage. Height, 3½ feet. 8 cts. each; 80 cts. per doz.; $5.50 per 100.

The President. Rich glowing scarlet. Green foliage. Height, 4 feet. 5 cts. each; 50 cts. per doz.; $3.50 per 100.

See Annual Plants, page 19, for prices on Cannas in 3-inch pots

Cannas in border

Best Varieties of Lilies and Gladiolus

HARDY GARDEN LILIES

See color illustration on 3d cover

Auratum (Golden-Rayed Lily). Pure white, spotted crimson; very fragrant. Plant 9 inches deep. Blooms in July and August. Height, 3 to 5 feet. 9 to 11-in. circum., 35 cts. each; $3.50 per doz. 11 to 13-in. circum., 45 cts. each; $4.50 per doz.

Canadense. Drooping flowers, varying from yellow to orange. Plant 5 inches deep. Blooms in June and July. Height, 5 to 6 feet. 25 cts. each; $2.50 per doz.

Henryi. Rich deep orange-yellow. Plant 10 inches deep. Blooms in August and September. Height, 8 feet. 35 cts. each; $3.50 per doz.

Philippinense formosanum. A gorgeous Lily. Profuse bloomer; easy to grow. Foliage long and grassy. Flowers pure white, resembling an Easter Lily; very fragrant. Plant 8 inches deep. Height, 1½ to 2 feet. 30 cts. each; $3 per doz.

Regale (Royal Lily). White, suffused pink, yellow at the center; very fragrant. Plant 9 inches deep. Blooms in July. Height, 6 to 8 feet. 7 to 8-in. circum., 25 cts. each; $2.50 per doz.

Speciosum album. Pure white Lilies. Plant 9 inches deep. Blooms in July and August. Height, 3 to 5 feet. 8 to 9-in. circum., 30 cts. each; $3 per doz.

Speciosum magnificum. White, spotted and bordered with ruby-carmine. Plant 9 inches deep. Blooms in July and August. Height, 3 to 5 feet. 9 to 11-in. circum., 30 cts. each; $3 per doz. 11 to 13-in. circum., 40 cts. each; $4 per doz.

Speciosum rubrum. Large white flowers suffused rose-pink, spotted crimson. Plant 9 inches deep. Blooms in July and August. Height, 3 to 5 feet. 9 to 11-in. circum., 30 cts. each; $3 per doz. 11 to 13-in. circum., 40 cts. each; $4 per doz.

Superbum (Turk's-Cap Lily). Considered the handsomest American Lily. Immense, pyramidal cluster of brilliant orange-red, turban-shaped flowers, yellowish inside and spotted brown. Plant 8 inches deep in moist, well-drained soil. Height, 5 to 8 feet. 30 cts. each; $3 per doz.

Tigrinum splendens (Tiger Lily). Rich, dark salmon, spotted orange. Plant 10 inches deep. Blooms in August and September. Height, 4 to 5 feet. 20 cts. each; $2 per doz.

Tigrinum flore-pleno (Double Tiger Lily). 25 cts. each; $2.50 per doz.

GLADIOLUS

One of the most popular of all summer-flowering bulbs. Plant outdoors as soon as frost is out of the ground, 4 inches deep and at least 6 inches apart.

PINK SHADES

America. Flesh-pink, tinged lavender; large. 5 cts. each; 50 cts. per doz.; $4 per 100.

Bagdad. Very large; smoky old-rose with lighter throat. 25 cts. each; $2.50 per doz.; $20 per 100.

Betty Nuthall. A warm, bright coral, with pale orange throat and a light feathering of carmine. 6 cts. each; 65 cts. per doz.; $4.50 per 100.

E. J. Shaylor. Beautiful deep rose-pink with well-ruffled edges. 4 cts. each; 45 cts. per doz.; $3 per 100.

Los Angeles. Bright pink with carmine blotch in throat. 4 cts. each; 45 cts. per doz.; $3 per 100.

Minuet. Beautiful clear light pinkish lavender. 8 cts. each; 85 cts. per doz.; $6 per 100.

Mother Machree. Very unusual color—lavender, edged salmon-pink. 10 cts. each; $1 per doz.; $8 per 100.

Mrs. Dr. Norton. Delicate cream-pink. 6 cts. each; 65 cts. per doz.; $4.50 per 100.

Mrs. F. C. Peters. Rose-lilac, with crimson blotch. 5 cts. each; 50 cts. per doz.; $4 per 100.

Mrs. Frank Pendleton. Flushed salmon-pink, carmine blotches in throat. 5 cts. each; 50 cts. per doz.; $4 per 100.

Mrs. Leon Douglas. Begonia-rose, striped with flame-scarlet, lower petal lemon, speckled ruby. 5 cts. each; 50 cts. per doz.; $4 per 100.

Phaenomen. A combination of soft pink and yellow. 6 cts. each; 65 cts. per doz.; $4.50 per 100.

Pfitzer's Triumph. Bright flaming salmon with cherry-red blotches. 6 cts. each; 65 cts. per doz.; $4.50 per 100.

Rose Ash. Old-rose tones. 6 cts. each; 65 cts. per doz.; $4.50 per 100.

RED AND SCARLET SHADES

Commander Koehl. Brilliant scarlet-blood-red; large flowers on tall, strong stems. One of the finest red varieties. 8 cts. each; 85 cts. per doz.; $6 per 100.

Crimson Glow. Glowing crimson-scarlet. 5 cts. each; 50 cts. per doz.; $4 per 100.

Dr. F. E. Bennett. Deep red, suffused scarlet. 5 cts. each; 50 cts. per doz.; $4 per 100.

Mrs. Francis King. Flame-scarlet, salmon shading. 4 cts. each; 45 cts. per doz.; $3 per 100.

Paul Pfitzer. Rich amaranth-red with velvety sheen; brilliant, large, heavily ruffled flowers. 6 cts. each; 65 cts. per doz.; $4.50 per 100.

Scarlet Wonder. A large flower of rich red. 5 cts. each; 50 cts. per doz.; $4 per 100.

Virginia. Intense scarlet, slightly deeper in throat. 5 cts. each; 50 cts. per doz.; $4 per 100.

BLUE AND DARKER SHADES

Ave Maria. Light blue flowers with small purple blotches. Very popular. 8 cts. each; 85 cts. per doz.; $6 per 100.

Blue Jay. Porcelain-blue. 8 cts. each; 85 cts. per doz.; $6 per 100.

Baron Hulot. Rich violet-blue. 6 cts. each; 65 cts. per doz.; $4.50 per 100.

Charles Dickens. Deep violet-purple. 6 cts. each; 65 cts. per doz.; $4.50 per 100.

Henry Ford. Royal purple. 6 cts. each; 65 cts. per doz.; $4.50 per 100.

YELLOW SHADES

Golden Measure. Pure golden yellow. 5 cts. each; 50 cts. per doz.; $4 per 100.

Orange Queen. Apricot, shading to a brilliant orange. 4 cts. each; 45 cts. per doz.; $3 per 100.

Schwaben. Pure yellow, with a crimson blotch. 5 cts. each; 50 cts. per doz.; $4 per 100.

WHITE SHADES

Carmen Sylva. The best pure white. 6 cts. each; 65 cts. per doz.; $4.50 per 100.

Mammoth White. Probably the largest flowered Gladiolus grown, florets often measuring 6 inches across. Pure white. 10 cts. each; $1 per doz.; $8 per 100.

Peace. White blooms with lilac markings on lower petals. 5 cts. each; 50 cts. per doz.; $4 per 100.

Other Summer-Flowering Bulbs and Roots

Tuberous Begonia

BEGONIAS (Wax Plants)

Tuberous-rooted

The most handsome of all the summer-flowering tuberous-rooted plants. They are principally useful for planting in semi-shaded porch- or window-boxes. Also fine in outdoor beds.

Double-flowering. Crimson, Orange, Pink, Salmon, Rose, Yellow, and White.

Single-flowering. Same colors as in the double-flowering varieties.

Trailing Tuberous-rooted Begonias

Mixed Colors. These beautiful Begonias are superb for growing in rockeries, also for hanging-baskets, porch- and window-boxes.

Any of above varieties, 25 cts. each; $2.50 per doz.

CALADIUM ESCULENTUM

Elephant's Ear

One of the finest of the ornamental foliage plants, growing 6 to 10 feet high. First size, 5 cts. each; 50 cts. per doz. Second size, 10 cts. each; $1 per doz. Mammoth, 15 cts. each; $1.50 per doz.

Fancy-leaved Caladium

One of the best summer foliage plants for furnishing the conservatory during the summer months, or for outdoor bedding in semi-shady or shady positions. 25 cts. each; $2.50 per doz.

TIGRIDIA (Tiger Flower)

Hybrids. Richly colored flowers of fantastic cupped form, curiously spotted in the centers. **Mixed.** $1.50 per doz.; $12 per 100.

CINNAMON VINE (H.P.)

Rapid-growing summer climber with bright, glossy foliage. Spikes of white flowers, deliciously cinnamon-scented. Fine for arbors and trellises. Large roots, 10 cts. each; $1 per doz.

TUBEROSES

Double Pearl. One of the most fragrant and popular summer-flowering bulbs. Pure white. 4 cts. each; 40 cts. per doz.; $3 per 100.

GLOXINIAS

Beautiful summer-flowering plant producing large, tubular flowers of gorgeous colorings. 35 cts. each; $3.50 per doz.

Montbretias

MONTBRETIAS

One of the brightest of our summer-flowering bulbs. Plant outside during April and May, 4 inches apart. Protect over the winter with a heavy mulch. Height, 3 to 4 feet.

California. Deep yellow. 15 cts. each; $1.50 per doz.

Croesus. Apricot-yellow. 15 cts. each; $1.50 per doz.

Fire King. Brilliant scarlet. 10 cts. each; $1 per doz.

King Edmund. Orange-yellow. 10 cts. each; $1 per doz.

Lord Nelson. Bright orange. 10 cts. each; $1 per doz.

Meteor. Orange with red tips. 10 cts. each; $1 per doz.

MADEIRA VINE

Climbing Mignonette

A popular vine that covers a large space in a short time. Heart-shaped leaves of a light green and feathery flowers with delightful fragrance. Extra-large, selected, 10 cts. each; $1 per doz.

JAPANESE IRIS

Iris kaempferi

Beautiful flowers on long, strong stems. Fine for cut-flowers. Blooms about the middle of June, and continues for about six weeks.

Field-grown

Alpha. White, lavender uppers.
Blue Boy. Deep blue.
Caprice. Purple, splashed white.
Charlton Childs. White and plum.
Delight. White and light purple.
Dominator. Deep purple.
Helen Von Siebold. Red-violet, veined white.
Kuyo. Purple, splashed white.
Orchid. Deep lavender-orchid.
Pyramid. Lavender, veined white.
Purple and Gold. Deep purple.
Red Riding Hood. Rose, splashed white.
Venus. Pure white.
Uchiu. Cerulean blue, veined white; gold center.

Any of above varieties, 35 cts. each; $3.50 per doz

SPECIAL COLLECTION: 10 Japanese Iris, all different, not labeled, $2

TALL BEARDED IRIS

Iris germanica

Alcazar. Dark blue-violet.
Bountiful. Lavender.
Frill. Lavender.
Jeanne d'Arc. White and blue.
Loreley. Blue, bordered yellow.
Mary Garden. White and mauve.
Midnight. Deep purple.
President Lincoln. Deep bronze.
Prosper Laugier. Maroon-bronze.
Queen Alexandra. Lilac and bronze.
Queen of May. Near pink.
Sherwin-Wright. Yellow.
White Knight. White.

Any of above varieties, 25 cts. each; $2.50 per doz.

PEONIES

Armandine Mechin. Dark red.
Edulis Superba. Bright clear mauve-pink with silvery reflex. Very early.
Felix Crousse. Bright crimson.
Festiva Maxima. Clear white. Early-flowering rose type.
Meissonier. Brilliant purple-red petals, deep crimson center.
Mons. Jules Elie. Pure pink.
Solange. White, tinged apricot and fawn.

Strong roots, 30 cts. each; $3 per doz.

Festiva Maxima Peonies

Hardy Flowering Shrubs

ABELIA grandiflora. One of the finest evergreen shrubs, blooming continuously from early summer until frost. Flowers white, tinted lilac. Height, 3 to 4 feet. 1½ to 2-ft. plants, 75 cts. each.

ALMOND, Flowering (*Amygdalus*). A lovely shrub growing 5 to 6 feet high, with fragrant pink flowers in May. 2 to 3-ft. plants, 75 cts. each.

ALTHÆA (Rose of Sharon). A valuable hardy shrub which blooms from August to October. We offer in three colors, **Red, Purple, White.** Height, 10 to 12 feet. 2 to 3-ft. plants, 35 cts. each.

BARBERRY, New Red-leaved. Same as the Green-leaved Barberry, except that the foliage is rich, lustrous bronze-red which becomes more vivid as the season advances, changing to brilliant orange, scarlet, and red shades in the fall. 1½ to 2-ft. plants, 50 cts. each; $5 per doz.; $40 per 100.

BUDDLEIA (Butterfly Shrub). A very desirable shrub beginning to bloom in July and continuing until frost. Violet-mauve flowers in racemes. Height, 5 to 6 feet. 2 to 3-ft. plants, 50 cts. each.

CALYCANTHUS (Sweet Shrub). An old favorite with most unusual chocolate-colored flowers in May. 2 to 3-ft. plants, 50 cts. each.

CYDONIA japonica (Japanese Quince). Showy shrubs with a profusion of scarlet flowers in April. Height, 4 to 6 feet. 1 to 1½-ft. plants, 35 cts. each.

DEUTZIA gracilis. A beautiful dwarf shrub covered with pure white flowers in April and May. Height, 2 to 3 feet. 15 to 18-in. plants, 50 cts. each.

D., Pride of Rochester. A tall-growing variety with double white flowers tinged pink. Blooms in May. Height, 8 to 10 feet. 2 to 3-ft. plants, 40 cts. each.

FORSYTHIA suspensa (Weeping Forsythia). A graceful, drooping shrub with golden yellow flowers in April. Height, 4 to 6 feet. 2 to 3-ft. plants, 35 cts. each.

HYDRANGEA, Snowhill. A very hardy shrub with snow-white flowers from July until frost. Height, 4 to 5 feet. 2 to 3-ft. plants, 50 cts. each.

H., Peegee. A taller-growing variety with white flowers which turn to pink. Blooms from July until frost. Height, 6 to 8 feet. 2 to 3-ft. plants, 50 cts. each.

Abelia grandiflora

JAPANESE FLOWERING CHERRIES. In the spring the Japanese Cherries are one of the most beautiful sights in Washington. **Double Pink.** 4 to 5-ft. plants, $2.50 each. **Double White.** 4 to 5-ft. plants, $2.50 each.

KERRIA (Double Globeflower). Golden yellow flowers in bloom from June until October. Height, 4 to 5 feet. 1 to 1½-ft. plants, 50 cts. each.

KOLKWITZIA (Beauty Bush). A beautiful shrub from China, with masses of delicate pink flowers in May and June. Height, 5 to 6 feet. 1½ to 2-ft. plants, 50 cts. each.

MALUS atrosanguinea (Carmine Crab). Large red buds, opening into deep pink flowers early in the spring. Height, 3 to 4 feet. $1 each.

PHILADELPHUS, Virginal (Mock Orange). Pure white flowers 2 inches in diameter completely cover the branches during May and June. Height, 3 to 4 feet. 1½ to 2-ft. plants, 35 cts. each.

Kolkwitzia

PRUNUS pissardi (Purple-Leaf Plum). A beautiful shrub with white flowers in April and crimson foliage which changes to rich purple. Height, 12 to 15 feet. 3 to 4-ft. plants, 75 cts. each.

RED-LEAVED JAPANESE MAPLE. Very popular, medium-sized shrub or small trees. Beautiful red foliage adds color and variety during spring and early summer. 1½ to 2-ft. plants (grafted), $2.50 each.

SYRINGA vulgaris (Common Purple Lilac). 2 to 3-ft. plants, 35 cts. each.

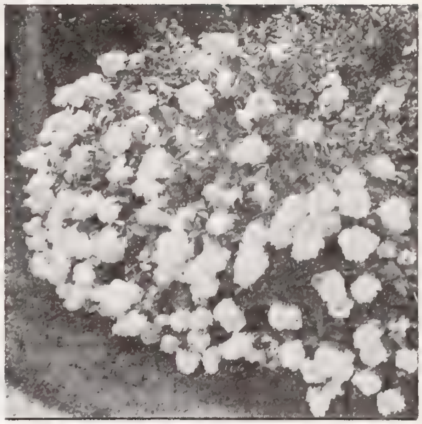
S. vulgaris, Named Varieties. All colors. 2 to 3-ft. plants, 75 cts. each.

S. vulgaris alba. White. 2 to 3-ft. plants, 35 cts. each.

SYMPHORICARPOS (Snowberry). A dwarf shrub with small pink blooms and large white berries that hang on the plants during the greater part of the winter. Height, 5 to 6 feet. 2 to 3-ft. plants, 35 cts. each.

SPIRÆA, Anthony Waterer. A dwarf shrub with crimson flowers from May to October. Height, 2 to 3 feet. 1½ to 2-ft. plants, 35 cts. each.

S. van houttei. An excellent shrub with white flowers in May. Height, 6 to 8 feet. 2 to 3-ft. plants, 35 cts. each.



Hydrangea, Peegee

VIBURNUM plicatum (Japanese Snowball). Beautiful balls of pure white flowers in May and June. Height, 6 to 8 feet. 2 to 3-ft. plants, 75 cts. each.

WEIGELA, Eva Rathke. One of the most popular shrubs with red flowers all summer. Height, 4 to 5 feet. 2 to 3-ft. plants, 50 cts. each.

W. rosea. A little taller growing than Eva Rathke, and has rosy pink flowers. Height, 6 to 8 feet. 2 to 3-ft. plants, 50 cts. each.

HEDGE PLANTS

Barberry, Boxwood, Privet

BARBERRY, New Red-leaved. Same as the Green-leaved Barberry, except that the foliage is rich, lustrous bronze-red which becomes more vivid as the season advances, changing to brilliant orange, scarlet, and red shades in the fall. 1½ to 2-ft. plants, 50 cts. each; $5 per doz.; $40 per 100.

B., Thunbergi (Japanese Barberry). 3-yr. plants, 15 cts. each; $1.25 for 10; $10 per 100.

BOXWOOD (*Buxus suffruticosa*). The true form of the English Boxwood. Always dwarf. For edging walks and borders. 4 to 6-in. plants, 15 cts. each; $1.50 per doz.; $10 per 100.

CALIFORNIA PRIVET. 2-yr. plants, 1 to 1½ ft., $1.50 for 25; $5 per 100.

Boxwood

Select Plenty of Shrubs and Hardy Plants for Your Home

Evergreen Flowering Shrubs

AZALEAS.

Amœna. Rosy purple flowers.

	Each		Each
10 to 12 in.	$1 10	15 to 18 in...	$2 00
12 to 15 in.	1 30		

Hinodegiri. Dense clusters of fiery red flowers.

	Each		Each
6 to 8 in.	$0 80	10 to 12 in....	$1 40
8 to 10 in.	1 20	15 to 18 in....	2 40

BOXWOOD (*Buxus suffruticosa*). The true form of the English Boxwood. Always dwarf. For edging walks and borders. Height, 4 to 6 inches. 15 cts. each; $1.50 per doz.; $10 per 100.

DAPHNE cneorum (Garland Flower). A dwarf, spreading shrub, producing beautiful bright pink, sweet-scented flowers early in May. Valuable for rockeries or borders. 9 to 12-in. spread, $1.20 each.

RHODODENDRON HYBRIDS. Handsome, hardy shrubs with long, leathery, evergreen foliage. Flowers produced in large, showy clusters.

Mrs. C. S. Sargent. Beautiful dark pink. Fine foliage.

Dr. H. C. Dresselhuys. Brilliant analine-red flowers.

Catawbiense Album. Well-known white variety.

Prices and sizes on application

RHODODENDRON HYBRID SEEDLINGS. Strong, well-rooted seedlings from seed collected from some of the finest English named varieties. **Mixed Colors.** Prices and sizes on application.

Note.—We will carry a complete line of the leading varieties of Evergreen samples on display in spring and fall at our stores.

Hardy Chrysanthemums

Showy and effective autumn-blooming plants producing a profusion of beautiful flowers in October and November, after all other flowers have been killed by the frosts.

Plant early in the spring, so that the plants will have sufficient time to become established.

Exhibition or Large-flowered Type

Harvard. Deep red. November.
Oconto. Pure white. October.
Smith's Enchantress. Pink. October.
Sunglow. Yellow. October 25.

Any of above, 20 cts. each; $2 per doz.; $15 per 100

Pompon or Medium-flowered Type

Bloom October 25 to November 10

El Reno. Bronze.
Henry Penny. Red.
Lena Hall. Yellow.
Lillian Doty. Shell-pink.
Lucifer. Deep crimson.
Philadelphia. Deep rose.
Pink Beauty. Rose-pink.
Red Doty. Red.
R. Marion Hatton. Yellow.
Uvalda. Pure white.

Any of above, 20 cts. each; $2 per doz.; $15 per 100

Korean Hybrid Chrysanthemums

Large Single-flowering Type

Bloom in October and November

Gold Lace. Yellow.
Mensa. White.
President Hoover. Deep maroon-red.
Ruth W. Smith. Bronze.
Mrs. William Buckingham. Pink.

Any of above, 20 cts. each; $2 per doz.; $15 per 100

Button Type

Bloom in October and November

Clorinda. Bronze.
Cometo. Pink.
Minong. White.
Ouray. Red.
Yellow Midget. Yellow.

Any of above, 20 cts. each; $2 per doz.; $15 per 100

New Single Korean Hybrids

Bloom in September and October

Apollo. Bronze.
Ceres. Old-gold.
Daphne. Pink.
Diana. Lilac-rose.
Hebe. Lavender-pink.
Innocence. White.
Mars. Deep red.
Mercury. Plant Patent No. 58. Ox-blood-red.
Orion. Yellow.
Sara J. Adams. Salmon-pink.
Vulcan. Red.

Any of above, 35 cts. each; $3.50 per doz.; $25 per 100

PHLOX DECUSSATA

Tall, hardy garden Phlox that grows 2 to 3 feet high.

Africa. Deep red.
Baron von Heeckeren. Delicate pink.
Commander. Violet.
Dr. Charles H. Mayo. White, red eye.
Fiancee. White.
Gen. von Heutz. Salmon-red, white eye.
Jules Sandeau. Watermelon-pink.
L'Esperance. Orchid.
Miss Lingard. White, pink eye.
Rheinlander. Salmon.
Rijnstroom. Deep pink.

Any of above, 25 cts. each; $2.50 per doz.; $15 per 100

Ampelopsis veitchi

Hardy Climbing Plants

AMPELOPSIS veitchi (Boston Ivy). Most popular of all climbing plants, attaining a height of 30 feet within two or three years. Will cling to any surface, stone or wood. Foliage rich green, turning to shades of crimson and orange in the fall. Strong, 2-yr., field-grown plants, 35 cts. each.

ARISTOLOCHIA sipho (Dutchman's Pipe Vine). Vigorous-growing climber, bearing singular brownish flowers resembling a pipe in shape. Light green leaves retaining their color until late fall. $1 each; $10 per doz.

BIGNONIA radicans (Trumpet Creeper). Rapid climber. Dark red flowers with orange throats. Very desirable wherever a showy flowering vine is desired. 50 cts. each; $5 per doz.

CELASTRUS scandens (Bittersweet). Attractive light green foliage and yellow flowers during June, followed by bright orange berries which remain on all winter. Strong, 2-yr. plants, 40 cts. each.

CLEMATIS jackmani. Large, rich purple flowers. Strong, 2-yr. plants, 75 cts. each.

C. paniculata. Bears a profusion of fragrant white flowers from August till late fall. Strong, 2-yr. plants, 35 cts. each.

C. viticella, Edouard Andre. Bright red flowers. Number 1 stock. Strong, 2-yr. plants, 75 cts. each.

LONICERA sempervirens magnifica (New Everblooming Coral Honeysuckle). Tubular flowers of orange-scarlet color. Foliage rich, dark green. Strong, compact plants that flower continuously from early June until October. 50 cts. each; $5 per doz.

POLYGONUM auberti (Silver Lace Vine). A desirable flowering climber. Strong, vigorous grower attaining a height of 25 feet or more, and producing, through the summer and fall, great foamy sprays of white flowers. 50 cts. each; $5 per 100.

WISTERIA sinensis (Chinese Wisteria). A very beautiful climber with purple flowers. Strong, 2-yr. plants (grafted), 75 cts. each.

W. sinensis alba. White form of above. 75 cts. each.

Complete List of G. & T. Co.'s Selected Hardy Roses

Special Offer of 5 Everblooming Roses for $2. See inside back cover

Our Roses are vigorous, budded, 2-year-old, field-grown, strictly No. 1 stock. A half dozen or more of any selection takes the dozen rate

DORMANT STOCK

Varieties marked with an asterisk (*) can be supplied in dormant stock from March 15 to May 1. Our dormant stock is not processed or paraffined. **50 cts. each; $5.50 per doz.**

POTTED STOCK

All Roses listed can be furnished in full leaf, growing in 6-inch clay pots after May 1.

75 cts. each; $8 per doz., unless otherwise noted

HYBRID TEA ROSES

***Autumn.** Burnt-orange, marked with red. 85 cts. each; $9 per doz.

Briarcliff. Brilliant rose-pink, shading lighter. Pointed buds. 85 cts. each; $9 per doz.

***Caledonia.** The best white. Pointed buds. 85 cts. each; $9 per doz.

Charles P. Kilham. Brilliant Oriental red, flushed with orange-scarlet. 85 cts. each; $9 per doz.

***Columbia.** Light pink; very fragrant.

Cuba. Cardinal-red, slightly tinted yellow. 85 cts. each; $9 per doz.

***Dame Edith Helen.** Brilliant rose-pink.

***Dotty.** A newer variety with bronze bud tinted golden yellow, which stays in the open bloom. 85 cts. each; $9 per doz.

***Duchess of Wellington.** Intense saffron-yellow, stained crimson.

***Edith Nellie Perkins.** Buds rich orange-pink outside and salmon-pink on inside of petals. 85 cts. each; $9 per doz.

***E. G. Hill.** Deep maroon, velvety on inside; very fragrant.

***Etoile de Hollande.** Brilliant crimson.

***Feu Joseph Looymans.** Glowing apricot and old-gold.

***Francis Scott Key.** Brilliant crimson.

Frau Karl Druschki. HP. White.

Golden Dawn. Rich straw-yellow, flushed old-rose. 85 cts. each; $9 per doz.

Gruss an Teplitz. Rich velvety crimson.

***Hadley.** Dazzling crimson-scarlet.

***Joanna Hill.** Clear yellow, golden heart.

***Kaiserin Auguste Viktoria.** Pure white.

Lord Charlemont. Deep crimson. 85 cts. each; $9 per doz.

Los Angeles. Flame-pink, toned coral. 85 cts. each; $9 per doz.

***Margaret McGredy.** Brick-red.

McGredy's Scarlet. Brilliant scarlet, orange-yellow at base of petals

***Mevrouw G. A. van Rossem.** Vivid orange and apricot. 85 cts. each; $9 per doz.

***Mme. Edouard Herriot.** Coral-red.

Mme. Nicolas Aussel. Bright, coppery salmon-pink. 85 cts. each; $9 per doz.

***Miss Rowena Thom.** Satiny pink, orange-flame center.

Mrs. Aaron Ward. Deep yellow, shading lighter. 85 cts. each; $9 per doz.

***Mrs. E. P. Thom.** Rich lemon-yellow.

***Olympiad.** Dark Oriental scarlet. 85 cts. each; $9 per doz.

***President Herbert Hoover.** A combination of pink, flame, scarlet, and yellow.

***Radiance.** Bright carmine-pink.

***Red Radiance.** Bright cerise-red.

***Rev. F. Page-Roberts.** Golden yellow, stained copper.

***Souv. de Claudius Pernet.** Rich yellow. Long-pointed bud.

***Talisman.** Combination of apricot, gold, and deep rose-pink.

***Ville de Paris.** Rich buttercup-yellow.

W. E. Chaplin. Deep crimson, shading to carmine. 85 cts. each; $8.50 per doz.

Countess Vandal

NEW AND PATENTED HYBRID TEA ROSES

Amelia Earhart. Plant Patent No. 63. Large, ovoid bud, cream with blushes; flowers very full, graduating from a deep yellow center to an outer collarette of large cream petals with a blush overtone. $1.50 each; $15 per doz.

Better Times. Plant Patent No. 23. Brilliant cerise-red flowers; delicately fragrant. $1.50 each; $15 per doz.

Carillon. Plant Patent No. 136. Long-pointed buds of orange-scarlet; half-open bloom deep coral, overcast with orange. The full bloom is large, sometimes 4 inches in diameter. $1.50 each; $15 per doz.

Countess Vandal. Plant Patent No. 38. Today the most popular Rose in America, as well as Europe. A color combination of pink, copper, gold, and salmon, producing a peculiar effect, and changing as the bloom ages. $1 each; $10 per doz.

Gloaming. Plant Patent No. 137. The large buds are carried on long, rigid stems amply clothed with handsome foliage. Bloom is large and full. Color a soft satiny pink heavily laden with salmon and amber. Delightfully fragrant. $1.50 each; $15 per doz.

Mary Hart. Plant Patent No. 8. A striking red sport of Talisman. The bud is maroon-red, opening to well-formed blossoms of deep velvety blood-red with an overglow of amber. $1 each; $10 per doz.

Matador. Plant Patent applied for. Large, full, well-formed Rose of scarlet-crimson with darker silky sheen on the reverse; very fragrant. Vigorous. $1.50 each; $15 per doz.

PATENTED HYBRID TEA ROSES, continued

Nigrette (The Black Rose). Plant Patent No. 87. Flowers are medium size, deep maroon with blackish velvety sheen, and quite fragrant. The darkest of Roses. $2 each; $20 per doz.

Souvenir. Plant Patent No. 25. A golden Talisman. Its bloom is a deep rich golden yellow. Very prolific. Fragrant. $1 each; $10 per doz.

Token. Plant Patent No. 95. Large, long bud. The full, double flowers are a single-toned glowing orange, a unique color. Free bloomer. The glossy foliage is disease-resistant. $1.50 each; $15 per doz.

NEW AND PATENTED EVERBLOOMING HARDY CLIMBING ROSES

Blaze. Plant Patent No. 10. The new everblooming vivid scarlet climber. $1.25 each; $12.50 per doz.

Golden Climber (Everblooming Mrs. Arthur Curtiss James). Plant Patent No. 28. Golden yellow blooms. $1.50 each; $15 per doz.

The New Dawn (Everblooming Dr. W. Van Fleet). Plant Patent No. 1. Flesh-pink blooms throughout the summer and fall. $1.50 each; $15 per doz.

HARDY CLIMBING ROSES

***Climbing American Beauty.** Large buds and flowers of bright purplish crimson.

***Dr. W. Van Fleet.** Rich flesh-pink.

***Emily Gray.** Light orange-yellow.

***Jacotte.** Deep orange-yellow, tinted red.

***Paul's Scarlet Climber.** A vivid scarlet which does not fade.

***Primrose.** New hardy yellow climber with large, double canary-yellow flowers in great profusion.

***Silver Moon.** Large; creamy white.

75 cts. each; $8 per doz.

POLYANTHA OR BABY ROSES

Compact plants producing trusses of small flowers from early June until frost.

85 cts. each; $8.50 per doz.

Baby Rambler. Light crimson sort with fine heads of small flowers.

Cecile Brunner (Sweetheart Rose). Soft rosy pink.

Gloria Mundi. Brilliant orange-scarlet.

Sparkler. Brilliant sparkling red.

SHRUB ROSES

Valuable as individual specimens, among shrubs, or as an everblooming hedge. Perfectly hardy.

85 cts. each; $8.50 per doz.

F. J. Grootendorst. Bright crimson.

Pink Grootendorst. Clear pink.

MOSS ROSES

Characterized by the mossy covering which surrounds the buds.

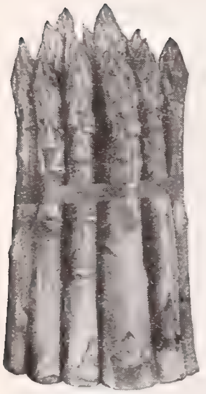
85 cts. each; $8.50 per doz.

Blanche Moreau. Large; pure white.

Crested Moss. Rose-pink.

Henri Martin. Crimson.

Quality Vegetable Seeds



Asparagus

ASPARAGUS

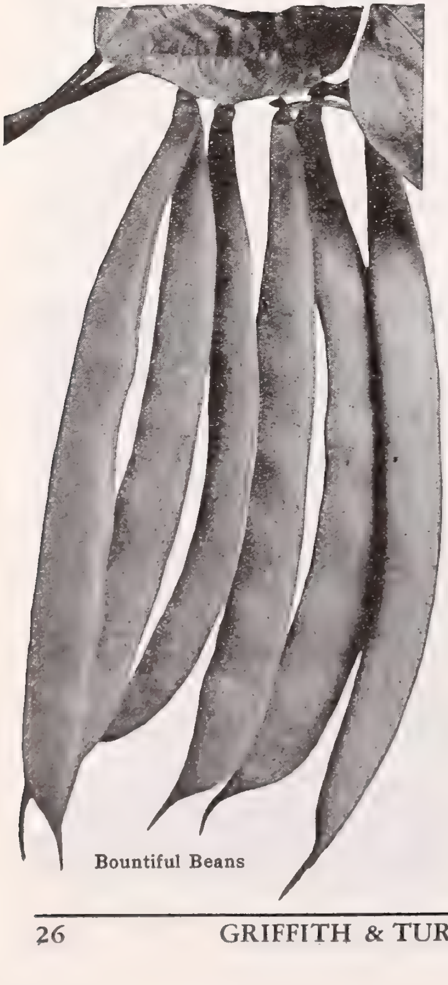
Sow 1 ounce of seed to 40 feet of row

This is one of the earliest spring vegetables, and should be in universal use. Many persons think it is difficult to grow, but it can be produced as cheaply and easily as any vegetable.

Culture. Sow the seed in the seed-bed late in the fall or the early spring, as soon as the ground can be worked, in drills 1 foot apart, covering the seed about 1 inch deep. When the plants are 4 to 5 inches high, great care should be exercised to keep the bed free of weeds.

Pedigree Mary Washington. Rust-resistant. It is dark green and the best of all Asparagus. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.25.

Asparagus Roots. A bed 12 x 40 feet, requiring about 100 roots, should give a sufficient supply for an ordinary family; 8,000 roots will plant an acre. Select good loamy soil, plow deeply, put in good quantity of manure and 100 pounds Kainit to 1,000 square feet of bed. Incorporate thoroughly, and then make a trench 8 inches deep, setting plants 15 inches apart. In field-culture, rows are placed 4 feet apart. $1.25 per 100; $9.50 per 1,000. (Postage extra, 10 cts. per 100.)



Bountiful Beans

ARTICHOKE

Green Globe. Sow seed in March or April and protect from frost. Set in open, in rows 4 feet apart and 2 feet apart in rows. Has deep green foliage with globe-shaped, edible buds. Pkt. 10 cts.; oz. 50 cts.; 2 ozs. 90 cts.; ¼lb. $1.50.

BEANS

Dwarf or Bush

One pound is about 1 pint; 2 pounds, about 1 quart; 15 pounds, about 1 peck. Add, for postage, 8 cts. per lb., 10 cts. for 2 lbs.

WAX-PODDED

Culture. Select light, warm soil and plant in the spring, when danger from frost is past, in drills 2 to 2½ feet apart, dropping the Beans about 6 to 8 inches apart in the drills, and covering 2 inches deep. A succession of sowings can be made from the first week in May until August.

Dwarf Prolific Black Wax. Very tender yellow-pod Bean and a very superior snap sort, ripening among the first earlies and having the best characteristics. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Improved Rustproof Golden Wax. This is the handsomest and hardiest of all the Wax Beans. The pods are straight, long, and thicker than the ordinary Golden Wax, much superior in quality, absolutely rustproof, and sure to become a favorite Wax Bean. It has already gained great popularity with growers. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

New Pencil-Pod Wax. Very early and productive. Pods long, straight, handsome, light golden yellow. Strong and vigorous bush. One of the best varieties. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Sure-Crop Stringless Wax. Recently introduced by the largest Bean-grower and originator of new varieties in this country. Entirely stringless, black-seeded, thick, flat yellow pods. The most desirable sort for canning. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

GREEN-PODDED

Asgrow New Stringless Green-Pod. Beautiful, long, dark green pods, nearly round and stringless. Very productive, hardy, and a sure cropper. Lb. 20 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Asgrow Stringless Black Valentine. Practically as early as the old-time Stringless Black Valentine. Beautiful, round pods. Fine for early market. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Burpee's Stringless Green-Pod. One of the earliest varieties. Pods round and full, absolutely stringless, of beautiful fleshy appearance, and excellent quality. The only green-pod Bean which never develops any strings. Lb. 20 cts.; 2 lbs. 35 cts.; 15 lbs. $2.

Dwarf Horticultural (Cherry). A very green-podded sort, used as a Shell Bean and for this purpose is one of the finest in general use. Lb. 20 cts.; 2 lbs. 35 cts.; 15 lbs. $2.

Extra-Early Bountiful (Flat Green-Pod). A prolific and continuous bearer—the first in the spring, the last in the fall. Absolutely stringless, very tender, and of delicious flavor. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

GREEN-PODDED BEANS, continued

Full Measure. Stringless, green-podded, round Bean, not as early as Burpee's Stringless, but a heavy yielder. Best of quality. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Giant Stringless Green-Pod. Resembles very much the old Valentine. The plants are of strong growth, very productive. Pods 5 inches long, light green, slightly curved, very meaty, brittle, stringless at all stages and of mild flavor. Lb. 20 cts.; 2 lbs. 35 cts.; 15 lbs. $2.

G. & T. Co.'s Extra-Early Red Valentine. Ten days earlier than the ordinary Red Valentine, and, without doubt, the very best earliest green snap-short Bean. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

White Marrowfat. Extensively grown for sale as a dry Bean for winter use. Lb. 15 cts.; 2 lbs. 30 cts.; 15 lbs. $1.75.

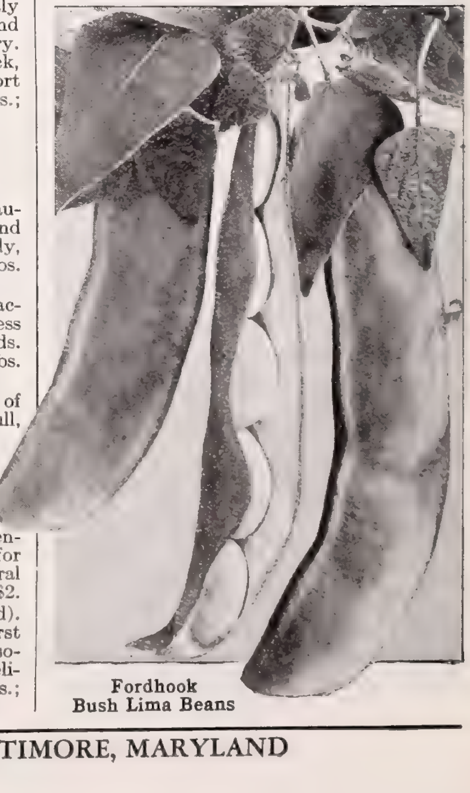
White Navy or **Small Pea.** A well-known variety for field culture; very prolific. Lb. 15 cts.; 2 lbs. 25 cts.; 15 lbs. $1.50.

POLE OR RUNNING

Kentucky Wonder or **Old Homestead.** A very prolific sort, bearing large clusters of green pods, which often reach 9 to 10 inches in length, are nearly round when young, and very crisp. Lb. 20 cts.; 2 lbs. 35 cts.; 15 lbs. $2.

Lazy Wife. Large, pale green pods, very thick-meated, stringless, rich, tender and buttery. Ripens early and clings well to pole. Enormously productive. Splendid either as a Snap or Shell Bean. Lb. 20 cts.; 2 lbs. 35 cts.; 15 lbs. $2.

Speckled Horticultural or **Wren's Egg.** An old favorite for both snap-shorts and dry Beans. Lb. 20 cts.; 2 lbs. 30 cts.; 15 lbs. $2.



Fordhook
Bush Lima Beans

Who Ever Heard of a Picnic Without Pickled Beets?

LIMA BEANS

One pound is about 1 pint; 2 pounds, about 1 quart; 15 pounds, about 1 peck

BUSH

Culture. Plant in rows 3 feet apart, dropping the Beans 8 to 12 inches apart and covering 1½ to 2 inches deep. If planted in hills, make the hills 3 feet apart one way and 2½ feet the other, and plant 4 Beans in a hill. Hoe often, but only when the leaves are dry.

Burpee's. Bushes grow 18 to 20 inches high, are stout and always erect, yet branching so vigorously that each plant develops into a magnificent circular bush 2 to 3 feet in diameter. An immense yielder, each bush bearing 50 to 200 handsome, large, well-filled pods. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.50.

Burpee's Improved. Will outyield Burpee's Bush Lima by fully one-third. This greater yield is due to the increased size of both pod and Beans. The dried Beans generally show a greenish white coloring, while dried Beans of the Burpee Bush Lima, like those of the Large Pole Lima, are pure white. Lb. 25 cts.; 2 lbs. 45 cts.; 15 lbs. $2.50.

Dreer's. Dwarf variety of Dreer's Improved Lima, which has been fixed in its character of a Bush Bean. Very prolific, single plants often producing 150 to 200 pods. Equal in quality and tenderness to Dreer's Pole Lima. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.75.

Early Giant. A true Bush Lima Bean, having all the qualities of the old pole varieties. Can be grown easily and earlier than the large bush sorts. They grow 1½ feet high, with sturdy, upright habit. Pods contain usually 4 large, thick Beans of superb quality. Lb. 25 cts.; 2 lbs. 50 cts.; 15 lbs. $2.30.

Fordhook. An improved dwarf Lima of the Kumerle type. The plant is vigorous and erect-growing, bearing well above the ground. Pods are produced in large clusters, each containing 3 to 5 large Beans of exceptionally fine quality. Much more productive than Kumerle and matures earlier. We consider this a decided acquitions to the dwarf Limas, possibly the best of the class. Lb. 30 cts.; 2 lbs. 50 cts.; 15 lbs. $2.50.

Henderson. These are very valuable, because they are dwarf and can be planted close together. They are very early and prolific, continuing to bear until frost. Lb. 20 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Add, for postage, 8 cts. per lb., 10 cts. for 2 lbs. Ask for prices in quantity

POLE LIMA BEANS

One pound is about 1 pint; 2 pounds, about 1 quart; 15 pounds, about 1 peck

Culture. Set the poles 3 to 4 feet apart and plant 6 to 8 Beans, with the eyes downward, around each pole, thinning to 4 healthy plants when they are up. They require the same soil and treatment as the dwarf varieties.

Carolina or **Sieva.** A seedling variety of Large White Lima, with small pods about 2 inches long. A little earlier and hardier. Lb. 20 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Carpenteria. The newest large Pole Lima. Enormously prolific. Early, green, and of delicious flavor. Lb. 20 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

POLE LIMA BEANS, continued

Dreer's Improved or **Challenger.** A popular Bean considered by many growers superior to all others in quality and productiveness. When green it is as large as the Large Lima, thicker, sweeter, and more tender and nutritious, remaining green in the pod for a long time after maturing. Lb. 30 cts.; 2 lbs. 50 cts.; 15 lbs. $3.

Extra Early Jersey. This variety is two weeks earlier than other sorts; the pods are large and numerous, making it a very profitable sort to grow. Lb. 20 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Extra Large White. A splendid sort, and takes a leading place with growers because of its many excellent qualities. As a Shell Bean it surpasses all in quality and is the favorite with most people. Lb. 20 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Giant-Podded. The Large-podded Pole Lima Bean. Pods measure 7 to 8 inches long and nearly 2 inches wide, and are produced in clusters of 4 to 7. Fine quality and enormous yielder. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Henderson's Early Leviathan. This is the very earliest. It will not only give large Lima Beans earlier than any other strain, but it is also much more productive, both early and throughout the season. It is a strong grower, clinging well to the poles, and is a sure cropper. The pods hang out from the foliage in large clusters and contain 3 or 4 and sometimes 5 large Beans to the pod. Lb. 20 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

King of the Garden. This Bean has met with enormous sales the past few seasons. It is a vigorous grower, setting its Beans early at bottom of pole, producing continuously to the end of the season. It is more prolific than the ordinary Lima, bearing pods 5 to 7 inches long, in clusters of 4 and 5, with 5 or 6 Beans in a pod. Lb. 20 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

BEETS

Sow one ounce of seed to 100 feet of drill

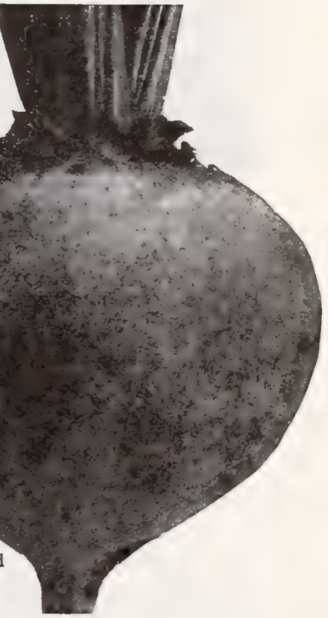
Culture. Select a deep, rich sandy loam and manure with well-decomposed compost or a good chemical fertilizer. Sow in drills, 14 to 16 inches apart, and cover 1 inch deep. When the young plants appear, thin to 4 or 5 inches apart. For early use, sow as soon as the ground can be worked in the spring; for autumn use, about the middle of May; and for winter use, during June or July, according to the variety—the long varieties requiring more time to mature than the round early kinds.

Crosby's Improved Egyptian. A very superior strain of the well-known Egyptian, carefully selected, blood color, of quick, rapid growth. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 60 cts.

Detroit Dark Red Turnip Beet. This is one of the finest formed and handsomest colored Beets on the market. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 65 cts.

Early Wonder. Recent introduction. Early, red, with short tops, fine for bunching. Roots are of good, uniform size, slightly oval, and of deep blood-red; has slim taproots, fine grain, tender, and sweet. Never gets stringy or woody. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Eclipse. An extra-early Beet remarkable for its fine quality and rapid growth. It is of deep red color and handsome shape. Unrivaled as an early market sort, and to a large extent is superseding the Egyptian, being earlier in development, more attractive in appearance, and of superior quality for the table. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 50 cts.



Detroit Dark Red Beet

BEETS, continued

Extra-Early Flat Egyptian. This is a flat Beet, very early, and of deep red color; owing to the small top, it can be planted very close. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 60 cts.

G. & T. Co.'s Early Blood Turnip Beet. This is our Special Stock of Early Blood Turnip Beet, which we have been growing for a number of years, and which the market gardeners of Baltimore and other places prefer. It is of dark red color, handsome shape, and early. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

SWISS CHARD

Swiss Chard (Sea Kale or Spinach Beet). Used exclusively for greens. Cooked like asparagus, makes a very delicious dish. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

BEETS FOR STOCK-FEEDING

Mangel-Wurzel

Sow 4 pounds of seed to the acre

Culture. Stock Beets grow larger than any other Beets, and hence require more room. They should be sown from April to June, in drills 2½ feet apart, and the plants thinned to 12 to 15 inches in the row. The attention of farmers to the growing of Beets for stock-feeding has rapidly increased.

Champion Yellow Intermediate or **Gate-Post Mangel.** One of the very finest Mangels ever introduced. With good cultivation will crop at the rate of 200 bushels per acre. Pkt. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

Golden Tankard Mangel. The best type of Mangel—small top, smooth rich skin, broad shoulders, very solid fleshed, golden stemmed, heavy producer. Pkt. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

Long Red Mangel. The well-known, large, long variety. It grows well out of ground and is light red. Very productive. Pkt. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

White Sugar Beet. A large-growing sort used for feeding stock. Pkt. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

No Better Cabbage Seed Is Obtainable at Any Price

Italian Broccoli

BROCCOLI

Culture. Sow seed in open ground and get plants in field in July or August. After the center head is cut, it will produce side-shoots with a smaller head. One of the best on account of its succulent asparagus flavor.

Greens. Used largely in the Delaware, Maryland, and Virginia Peninsula for northern shipment. Makes fine greens. Sow about August 1 for fall cutting. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Italian Calabrese Green Sprouting. Produces small heads on order of cauliflower, and is the latest and newest kind yet introduced. See illustration. Pkt. 10 cts.; oz. 50 cts.; ¼lb. $1.25; lb. $4.

Large Early White. The heads resemble somewhat a coarse cauliflower, and the culture is the same as for that vegetable. Broccoli is well adapted only to those sections where the season is long, cool, and rather moist. One of the most valuable features is that it withstands greater extremes of temperature than cauliflower. Pkt. 10 cts.; oz. 50 cts.

BORECOLE

This is often called Broccoli by market gardeners, but belongs to the Kale family. Very spreading in habit and beautifully curled. Sow seed in May, transplant in July in the open field, and treat same as Savoy Cabbage. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50. (See page 31 for Kale or Borecole.)

BRUSSELS SPROUTS

Sow 1 ounce of seed to 100 yards of row

Brussels Sprouts are used in the fall and early winter and by some considered more tender and delicious than any cabbage. The plant resembles the cabbage, the edible part being the numerous very small heads or sprouts 1 to 2 inches in diameter formed on the stalk at each leaf-joint. The culture is the same in all essentials as for cabbage, except the leaves should be broken down in the fall to give the little heads more room to grow.

Paris Half-Dwarf. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.50.

CABBAGE

Sow 1 ounce of seed to 100 feet of row, for plants

Culture. Cabbage will thrive on any good corn-land, though the stronger the soil the better they will develop. Plow deeply and manure very liberally, as Cabbage is a strong feeder, and will repay the care bestowed on it. The early sorts bear planting from 18 inches to 3 feet apart in the rows, with the rows from 2 to 2½ feet apart, the distance varying with the size. For early use, sow in a hotbed in February or March. In April the plants may be set out in the rows. For late crop, sow in May or June, and transplant as soon as the plants are 5 to 6 inches high. The ground should be thoroughly cultivated every week until the plants meet in the rows.

EARLY VARIETIES

Charleston or **Large Wakefield.** Has all the characteristics of the Jersey Wakefield, but is larger and five to six days later. The heads are fully one-half larger and quite solid. It is very compact in growth, and can be easily planted in rows 2 feet apart and 20 inches apart in the rows. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $1.75.

Copenhagen Market. A new, round-headed, solid Cabbage introduced from Denmark. It is, without doubt, the finest large round-headed early Cabbage in cultivation. As early as Jersey Wakefield. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $2.

Extra-Early Jersey Wakefield. Identical to the Jersey Wakefield, but smaller and about a week earlier. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $1.75.

Golden Acre. This new, round, extra-early variety is earlier than Jersey Wakefield. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; lb. $2.75.

Select Early Jersey Wakefield. American-grown. The very best early Cabbage, and grown more extensively by market gardeners than any other variety. Heads are pyramidal, very large and solid, and having but few outside leaves, the plants can be set close together. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $1.75.

SECOND-EARLY VARIETIES

Allhead Early. American-grown. The largest of all early Cabbages, fully one-third larger than Early Summer. It is the nearest approach to a thoroughbred Cabbage of any variety, both in size and uniform development. As the Allhead comes in quicker than any of the other flat Cabbages, it is consequently more tender. It is also valuable for a late or winter Cabbage. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $1.75.

Danish Ballhead. This most excellent variety of Cabbage comes from Denmark. It is a large, round, solid-heading, medium-early variety; a very sure header, having few loose leaves, consequently can be planted very close together. Although a medium early, can also be grown for a fall and winter crop, being one of the best keepers. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $2.

Early Dwarf Flat Dutch. An old standard variety which stands the sun and produces fine, large heads, coming in soon after the Wakefield. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.75.

Perfection Drumhead Savoy. Without exception, the finest stock of Savoy Cabbage to be found anywhere. The heads are large and solid, the leaves beautifully curled, and in tenderness and flavor it is almost equal to cauliflower, while its keeping quality is first class. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $1.75.

SECOND-EARLY VARIETIES, con.

Premium Large Flat Dutch. Large and excellent for winter. Very extensively grown. The head is broad, thick, and flat, well covered in by leaves lapping across the center, outside leaves feathered to the base of the leaf-stem. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.75.

Red Dutch. The head is round, large, solid, and a deep red color. The best of the red Cabbages. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.50.

Succession. A fine early variety; coming in a few days later than Early Summer, it does well at all seasons, and one is almost sure of getting a crop, no matter when it is planted. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.75.

Surehead. This popular Cabbage is rightfully named Surehead, as it never fails to make a fine, large, solid head, with few outer leaves. Always brings the highest price in our markets. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.75.

WILT-RESISTANT VARIETIES

Jersey Queen. Pointed, resembling Jersey Wakefield as to shape, season, and quality. Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1; lb. $3.50.

Marion Market. Resembles Copenhagen Market as to shape and season. Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1; lb. $3.50.

Wisconsin All-Seasons. Like the old-time All-Seasons. Pkt. 10 cts.; oz. 35 cts.; ¼lb. $1; lb. $3.50.

All the above are produced on wilt-infected land and are immune from this disease. If your land is wilt-infected, plant the above to insure a crop.

CHINESE or CELERY CABBAGE

Sow seed early in August for best results. Produces heads in 70 to 80 days.

Pe-Tsai. Resembles Cos lettuce as much as Cabbage, although it has a Cabbage flavor. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $1.75.

Wong Bok. Makes heads 8 to 10 inches high. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $1.75.

Early Jersey Wakefield Cabbage

Carrots Make Beautiful Edging Plants for Flower Beds

CAULIFLOWER

Culture. The same as for cabbage, except that extra manure and plenty of water will pay upon Cauliflower.

Extra-Early Snowball. Our stock of this well-known variety is unexcelled. It is one of the best sorts for open ground or forcing under glass. Pkt. 25 cts.; oz. $1.50; ¼lb. $5.

G. & T. Co.'s Drought-Resisting. Produces larger, white, solid heads, maturing about a week later than our Large Gilt-Edge Snowball. The best for hot, dry weather. Pkt. 25 cts.; oz. $1.50; ¼lb. $5.

G. & T. Co.'s Large Gilt-Edge Snowball. Without exception, one of the finest sorts now in cultivation. It is very early. Nearly every plant will, under proper cultivation, form a perfect, snow-white head, and its close-growing, compact habit enables the grower to plant one-third more on the same space of ground than other varieties. Pkt. 25 cts.; oz. $1.50; ¼lb. $5.

G. & T. Co.'s Select Early Dwarf Erfurt. Long the standard of highest excellence, and still holding its own. Pkt. 25 cts.; oz. $1.50; ¼lb. $5.

CARROTS

Sow 1 ounce of seed to 100 feet of row

Culture. Carrots thrive best in a rather light, rich loam. The ground should be well manured with fine, well-rotted or composted manure, and be thoroughly worked quite deep. Sow from middle of April to middle of May, in rows 14 inches apart, and thin the plants to 5 to 6 inches in the row. For late crops, sow in June or July. An important point is to tread the rows firmly after sowing. For field-culture, Carrots should be sown in drills 3 to 3½ feet apart, so as to allow horse-cultivation.

Chantenay. A most excellent, medium-early, half-long variety. It is one of the best in quality for the market- and home-garden, while its great productiveness and the ease with which it can be harvested make it desirable as a field sort. The tops are medium-sized, uniformly half-long or stump-rooted, but tapering slightly, smooth, deep orange-red in color. Its flesh is very crisp and tender. The variety is extensively used for bunching. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Early Scarlet Horn. The earliest variety in our list. Blunt-pointed, about 3 inches long, 1½ inches thick, very fine-grained, sweet-flavored; deep rich orange color. Fine for bunching. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; lb. 90 cts.

Chantenay Carrots

CARROTS, continued

Half-Long Danvers. A decided acquisition of the half-long type, broad-shouldered, cylindrical, admirable in color, fixed in habits. A wonderful producer. It is a first-class Carrot for all soils. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Improved Long Orange. Deep orange; long, smooth. Fine for either garden or field culture. All who have cattle should raise a surplus of this Carrot for feeding milch cows during winter. It increases the flow of milk and imparts to the butter a delicious flavor and a rich golden color. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; lb. 90 cts.

Oxheart or **Guerande.** One of the heaviest yielders and the best for stiff and heavy soils where the long varieties would fail. The roots are often 3 to 3½ inches thick at the top and nearly oval in shape. Flesh is bright orange, fine-grained, and sweet, of the finest table quality, and equally good for stock. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; lb. 90 cts.

CELERY

One ounce of seed will produce 2,000 plants

Culture. Plant seed in hotbed or very early in open ground. When plants are 3 inches high, transplant 4 inches apart, in rich soil, finely pulverized; water and protect until well rooted. In June or July transplant into rows 3 to 4 feet apart, either on surface or well-manured trenches a foot in depth, half filled with well-rotted manure. Set the plants from 6 to 8 inches apart. To blanch, draw earth around the plants from time to time, taking care not to cover the top of the center shoots.

Easy-Blanching. A second-early variety, maturing right after Golden Self-blanching, and resembling it in size and general characteristics of growth, but the foliage is a bright, rich green. Stalks are thick, solid, unusually meaty, pure white, heavy, crisp, and of extra-fine quality. A valuable variety for fall, winter, and early spring use. Easily blanched. It has quickly become a great favorite with many market growers. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $2.

Giant Pascal. A selection from the well-known Self-blanching Celery, it partakes of the best qualities of that variety, is somewhat larger, and an excellent keeper. It has a fine nutty flavor, being entirely free from any bitter taste. Grows about 2 feet high and the stalks are very broad, thick, and crisp. The width and thickness of these are distinctive features of this variety. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 65 cts.; lb. $2.

Golden Plume or **Wonderful.** Much better than White Plume in appearance, crispness, and fine nutty flavor, though somewhat earlier, larger, and of ranker growth. Blanches quickly, with full heart and rich, golden yellow color. Pkt. 10 cts.; oz. 30 cts.; ¼lb. $1; lb. $4.

Golden Self-Blanching. This cannot be too highly recommended as, after being thoroughly tested, it has fulfilled all that has been claimed for it. Decidedly the very best and most profitable Celery in cultivation. It is very early and entirely self-blanching. The beautiful appearance of the plant, its close habit, compact growth, straight, vigorous stalks, solid, crisp, brittle ribs, fine quality, and delicious flavor commend it to all lovers of Celery. Pkt. 10 cts.; oz. 35 cts.; ¼lb. 90 cts.; lb. $3.25.

Giant
Pascal
Celery

CELERY, continued

Winter Queen. It is, without doubt, the most valuable variety of Celery for winter and spring use ever introduced. It is also much stouter, thicker, and heavier, with double the amount of heart of any known Celery. Ribs perfectly solid, crisp, and of delicious nutty flavor. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.75.

White Plume. An early, handsome, self-blanching variety, growing in popularity every year. Like the Golden Self-blanching, it requires very little earthing up to blanch it, and as a Celery for fall and early winter use it is unsurpassed. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.75.

CELERIAC

Large Smooth Prague. The largest, smoothest and best of the Celeriacs.

New Apple Shape. Small foliage. Large, round, and smooth.

Pkt. 10 cts.; oz. 25 cts.; ¼lb. 50 cts.; lb. $1.75

CELERY SEED

Celery Seed (for flavoring). This seed is used for flavoring pickles, soups, etc. Oz. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

GEORGIA COLLARDS

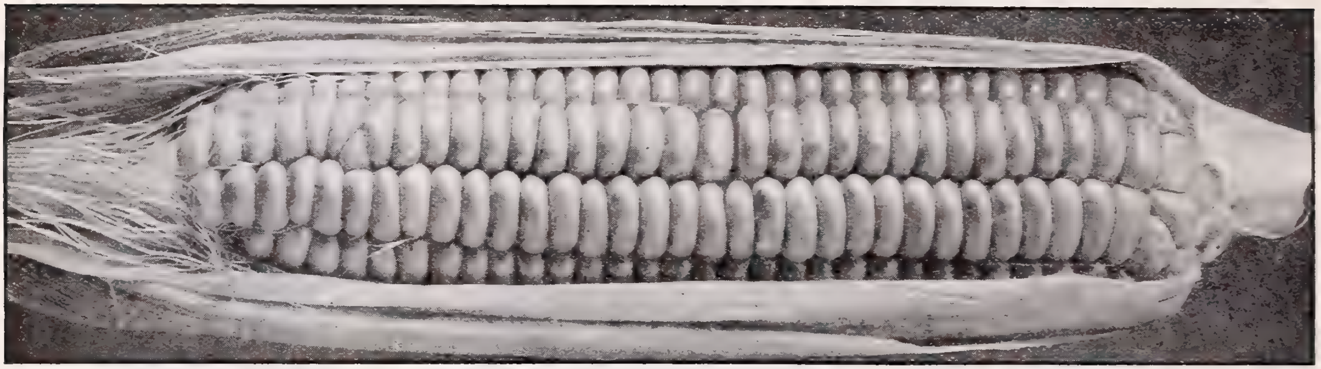
Called the "Cabbage Collard" on account of its close, bunching growth. The plant produces center leaves generally perfectly white, though sometimes dashed with pink. It is a very delicate vegetable and of the finest quality. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 60 cts.

CHICORY

Witloof or French Endive

Fine for salads. Sow in open ground in May, in rows 18 inches apart. Thin to 6 inches in row. In fall take up and place upright, about 2 inches apart, in trench and cover with rich dirt and top-dress with manure, about 6 inches deep. In spring, the plants will come out in five to six weeks. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; lb. $1.50.

Sweet Corn Should Be on the Table 20 Minutes After It Is Plucked



Golden Bantam Sweet Corn

CORN for Table Use

One pint weighs about ⅞ pound; 1 quart, about 1¾ pounds; 1 peck, about 14 pounds. Add for postage, 8 cts. per pound, 10 cts. for 2 lbs.

CULTURE. Sugar Corn may be planted in rows 3 to 4 feet apart, and the seeds placed about 18 inches apart in the rows, or planted in hills 3 to 4 feet apart each way, according to variety grown or richness of soil. Do not let more than two or three plants remain in each hill. It can be planted in this vicinity from first of May to last of July for succession of crop. By planting every two weeks a family may have good Corn throughout the whole season.

FIRST-EARLY VARIETIES

Not a Sugar Corn but makes fine roasting-ears for early planting.

Early Adams. A favorite in the South. Pt. 15 cts.; qt. 25 cts.; pk. $1.50.

Extra Early Adams. Extremely hardy and early. One of the best for early planting. Pt. 15 cts.; qt. 25 cts.; pk. $1.50.

First Early Neck. By far the earliest roasting-ear Corn we have. Can be planted in April without injury, as it is very hardy. Pt. 15 cts.; qt. 30 cts.; pk. $1.75.

Ideal Adams. *New.* A large and improved Early Adams Corn, grown largely in the South. Pt. 15 cts.; qt. 30 cts.; pk. $2.

Ninety-Day (Red cob). An elegant Corn for truckers and market gardeners, as it is as good a seller as green Corn, and if not used as green Corn makes a good variety for feeding purposes. It may be planted for early crop, and at intervals until the middle of July. Many truckers use it for their late planting, as it produces a very sure crop. Pt. 15 cts.; qt. 25 cts.; pk. $1.25.

EXTRA-EARLY VARIETIES

Barden's Wonder Bantam. A yellow Sugar Corn with all that the name implies, making ears up to 9 inches long; sweet and of good flavor. Matures only about a week later than Golden Bantam. Pt. 25 cts.; qt. 40 cts.; ½pk. $1.25; pk. $2.25.

De Lue's Golden Giant. Stalks grow 4½ to 6 feet tall and very near the ground; about one-third are purple in stalk, leaf, and husk. They carry two or three good ears, 7 to 9 inches long; cob of small diameter, with 12 to 20 rows of long, deep kernels of deep orange color. The husk is very heavy, affording the end protection from worms and birds. Pt. 20 cts.; qt. 30 cts.; pk. $1.50.

Early Minnesota. One of the first-early Sugar Corns. Pt. 20 cts.; qt. 30 cts.; pk. $1.50.

Early Sheffield. Plant as early as Adams. Makes strong, vigorous growth with abundant foliage, growing about 5 feet and bearing usually two ears of handsome appearance. Pt. 20 cts.; qt. 30 cts.; pk. $1.50.

EXTRA-EARLY VARIETIES, con.

Golden Bantam. The earliest and best of Sugar Corns. It is of golden color and delicious flavor, with the sweetness of honey. Can be planted earlier than the other varieties of true Sweet Corn, as it is very hardy. The stalks are dwarf in habit, growing about 4 feet high, producing two or three good ears 5 to 6 inches long. Pt. 20 cts.; qt. 30 cts.; pk. $1.50.

Golden Cross Bantam. The newest golden yellow Sweet Corn and surpasses all others in its class. It is large, early, and prolific. Pt. 30 cts.; qt. 50 cts.; pk. $3.50.

Howling Mob. One of the best-flavored and most tender of all second-early white Sweet Corns. Ears of Howling Mob measure from 7 to 9 inches in length and they are closely set with 12 or 14 rows of large, pearly white grains. Pt. 20 cts.; qt. 30 cts.; pk. $1.50.

Whipple's Early White. Of remarkable size, considering its earliness. Ears 8 inches long with 16 to 20 rows of rather narrow deep grains. Excellent quality. Very desirable for market gardeners. Pt. 20 cts.; qt. 30 cts.; pk. $1.50.

Whipple's Early Yellow. Practically same as above, only yellow grain and very sugary. Pt. 20 cts.; qt. 30 cts.; pk. $1.50.

MAIN-CROP VARIETIES

One bushel weighs 44 pounds

ASK FOR PRICES IN QUANTITY

Country Gentleman. The sweetest and most delicious flavored of all Sugar Corns. It is the finest variety for the table, and will delight the most fastidious epicure. It produces three or four ears to the stalk, and retains its greenness longer than other sorts. Pt. 20 cts.; qt. 30 cts.; pk. $1.25.

Early Mammoth. A splendid market sort, producing large, handsome ears; grain large, white, and sweet; fills out well at the end. Pt. 20 cts.; qt. 30 cts.; pk. $1.50.

Large Trucker's Favorite Dent. Very hardy and prolific. The ears are 8 to 10 inches long, filled with 12 to 16 rows of creamy white grains of delicious Sweet Corn. Stalks 6 to 7 feet tall, and ears set well up from the ground. Matures in 70 days. Pt. 20 cts.; qt. 35 cts.; pk. $2.

MAIN-CROP VARIETIES, continued

Late Mammoth. The largest variety grown. Very fine for market purposes. Pt. 20 cts.; qt. 30 cts.; pk. $1.50.

Stowell's Evergreen. So well known that it scarcely needs description. Excellent; keeps green till cold weather; ears large; one of the best. Pt. 20 cts.; qt. 30 cts.; pk. $1.50.

Trucker's Early. This is the most desirable variety of Sugar Corn for truckers and gardeners to plant early. As its many excellent qualities are becoming generally known, it has come to be one of the standard sorts. It is 10 days earlier than Evergreen and very productive. Pt. 25 cts.; qt. 40 cts.; pk. $1.75.

White Evergreen. Has ears as large as Stowell's and is 5 days earlier. Grains pure white. A valuable acquisition for the gardener and canner. Pt. 20 cts.; qt. 30 cts.; pk. $1.50.

Zigzag Evergreen. This is one of the sweetest and best late Sweet Corns, not even excepting the celebrated Country Gentleman and Shoe-Peg. The ears resemble Stowell's Evergreen in size and shape, except that the kernels are placed irregularly or zigzag upon the cob, which is always an indication of great sweetness in any variety of Sugar Corn. Pt. 20 cts.; qt. 30 cts.; pk. $1.50.

CORN SALAD

Sow 3 ounces of seed to 100 feet of row

A favorite salad plant, and very hardy. Sow in August or September, and protect with leaves during the winter; it can be gathered very early in the spring. Sown in April, it is soon ready for use. The leaves are sometimes boiled and served as spinach. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

CRESS

American Upland. Sow in August, in drills 18 inches apart, to get a spring crop. Used largely for salads. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Water. Water Cress may be grown along the margin of running streams, ditches, or ponds, and has a ready sale in the hotels and markets. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; lb. $2.50.

CURLED or PEPPER GRASS

Used as a small salad. Sow very thickly in shallow drills, on a smooth surface, at short intervals throughout the season. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

There's Nothing Better Than a Fresh Cool Cucumber Salad

CUCUMBERS

Sow 1 ounce of seed to 50 hills; 2 pounds to an acre

Culture. For very early Cucumbers, sow April 1 in a hotbed upon pieces of sod (grass side down), so that they can be readily transplanted to the open ground in rich soil when danger of frost is over, or protect by hand-glasses. The vines require a warm location for early Cucumbers. Plant after the ground has become warm, in hills 4 feet apart for the smaller varieties and 5 feet for the larger sort. For pickling, sow from middle of June to last of July. Manure with wood-ashes, fertilizer, or some well-rotted compost, working the manure just under the surface. Sprinkle the vines with Slug-Shot plaster, or air-slaked lime to protect from bugs. The Cucumbers should be gathered when large enough for use, whether required or not; if left to ripen, it destroys their productiveness.

Black Diamond. Very dark green, handsome fruits of medium to large size. A prolific variety used extensively for shipping to northern markets. Fine, crisp, and tender. Excellent for slicing. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 60 cts.; lb. $2.

Early Cluster. A short prickly variety, bearing in clusters near the root. Good bearer. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

Early Fortune. One of the earliest and best dark green white spine Cucumbers. Extremely early and of beautiful shape. Good for market gardeners, truckers, or private family; in fact, it cannot help pleasing anyone who likes a dark green, white spine Cucumber. Fine for southern growers as it stands shipping remarkably well. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

Early Green Prolific. A very productive variety with fruits of good length and handsome form. Desirable for producing pickles of medium size and fine quality when sliced for the table. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

Everbearing. This unique variety will prove valuable both for the table and for pickling. Of small size, very early, enormously productive and extremely valuable as a green pickler. The peculiar merit of this new Cucumber is that the vines continue to flower and produce fruit until killed by frost, whether the ripe Cucumbers are picked off or not. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

Imperator. *New.* Early. Large, dark green fruits, slightly tapered at both ends. Flesh crisp and firm. Fine for early market and shipping. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 60 cts.; lb. $2.

Improved Baltimore White Spine. This is the best Cucumber for early planting because it will retain its green color longer than any other sort. It is of good size and shape, and the popular variety with truckers around Baltimore and Norfolk, as well as with the growers from Virginia to Florida. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

CUCUMBERS, continued

Improved Long Green. Deep green skin and solid, crisp flesh of fine quality. We have the very best strains of this variety and recommend it as the finest of all Cucumbers. Vigorous and productive, and forms fruit fit for use as early as the shorter varieties. Mature fruit is almost 12 inches long. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.40.

Jersey Pickling. The most popular pickling sort with the market gardeners. Said to green better than any other variety. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

Burr (West India Gherkin). An extremely small-fruited variety, grown exclusively for pickles. Is very prickly, but tender and crisp if pickled when young. Seed germinates slowly. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 50 cts.; lb. $1.50.

ENDIVE

One of the best salads for fall and winter use. Sow 1 ounce of seed to 150 feet of row

Culture. For early use, sow as soon as the ground can be worked in the spring, in drills 15 inches apart, and then thin plants to 6 or 8 inches in row. To blanch the leaves, gather them carefully together when perfectly dry and tie them with soft fibrous material.

Broad-Leaved Batavian (Escarolle). Used mostly for soups and stews. Must be tied up for blanching. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.25.

Green Curled (Green Ribbed). The leaves of this variety are finely divided, giving a mossy appearance. Center tends to blanch to a delicate white. Especially good for fall and winter use. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

EGGPLANT

One ounce of seed will produce about 1,000 plants

Culture. Sow the seed in hotbeds early in March. When 3 inches high, pot the young plants, using small pots, and plunge them in the same bed so that the plants will become stocky. They can be planted out from the pots when the season becomes sufficiently warm, in May or June, or they can be transplanted into a second bed to make them strong until the weather is warm enough to transplant them about 3 feet apart each way in a thoroughly worked and well-enriched soil.

Baltimore. This is decidedly the best and most profitable Eggplant in cultivation. It is large, thornless, of beautiful shape and handsome purple color. Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25; lb. $4.

Black Beauty. The earliest of all large-fruited Eggplants and produces fruit quite as large as the New York Purple in 10 days less time. Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25; lb. $4.

New York Improved Large Purple. This market-garden variety has large plants of strong growth and is very productive. The fruits are smooth, and deep purple. Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25; lb. $4.

FENNEL (Finocchio)

Florence Fennel is used largely by the Italian trade, in salads, soups, etc., for flavoring. It grows very branching, about 2 to 3 feet high, and has a dense, feathery foliage. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

HERBS

A well-assorted selection of the various kinds of Herbs should have a place in every garden. Their value in seasoning and flavoring is well known and appreciated. Sow in spring, in shallow drills, 1 foot apart, and, when well up, thin out or transplant to a proper distance.

	Pkt.	Oz.	¼lb.
Anise	$0 10	$0 15	$0 40
Basil	10	15	
Bene. Use medicinally	10	15	
Borage. Fine for bees	10	15	
Caraway	10	15	
Chervil	10	25	
Chicory or **Witloof** Lb. $1.50	10	20	45
Coriander	10	15	
Dill Lb. 75 cts.	10	15	25
Fennel, Florentine	10	25	75
Lavender	10	25	75
Marjoram	10	25	75
Rosemary	10	35	
Sage, Broadleaf	10	40	1 25
Thyme, Broad-leaved English	10	50	1 75

KALE or BORECOLE

One ounce of seed will sow a drill of about 200 feet

Culture. For early spring use, sow broadcast in August and protect during winter. It must be sown in April or May for later use.

Blue Double Curled Scotch. A superior sort with a fine bluish green color. Pkt. 10 cts.; ¼lb. 20 cts.; lb. 75 cts.

Dwarf Curled Norfolk or **Scotch.** Yellowish green foliage. Grows close to the ground and is spreading. Pkt. 10 cts.; ¼lb. 20 cts.; lb. 60 cts.

Dwarf German or **Siberian.** Needs no description as it is a standard variety. Pkt. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

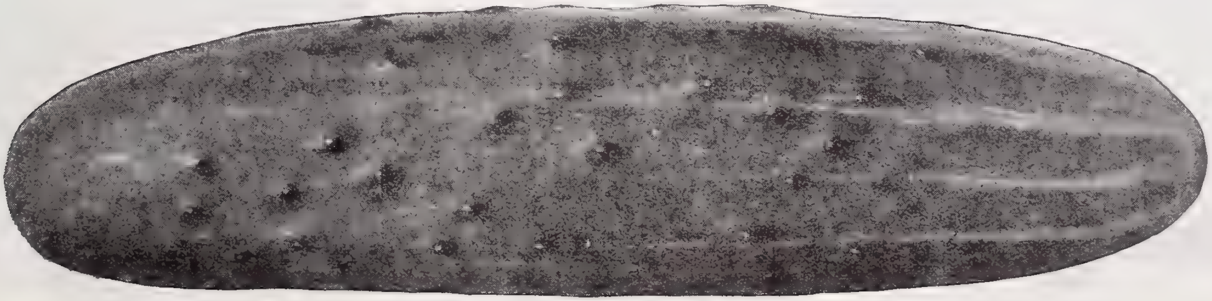
Extra Curled New American. An extra-curled, long-standing variety of a beautiful green color. Pkt. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

G. & T. Co.'s New. Larger, more curled and longer standing than any other Kale. Pkt. 10 cts.; ¼lb. 25 cts.; lb. 90 cts.

KOHLRABI

Sow 1 ounce of seed to 100 feet of row

Improved White Vienna. Bulb light green, symmetrical in form; flesh white, fine in texture. Very rapid in growth and of early maturity. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.75.

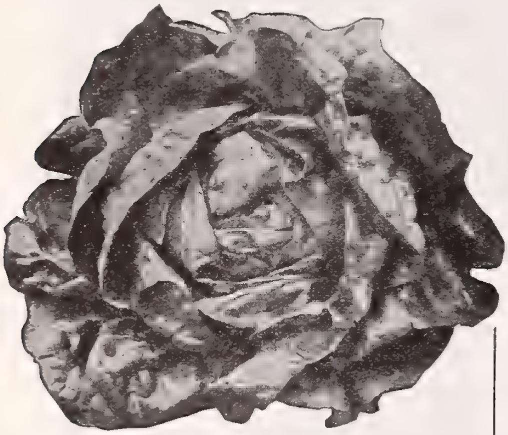


Improved Baltimore White Spine Cucumber

Lettuce Is a Blood Enricher and Is Not Fattening

LETTUCE

Culture. Lettuce requires rich, rather moist soil. The rows should be about 12 inches apart, and the plants thinned to 10 to 12 inches apart for the leading varieties. The more rapid the growth, the better the quality. Some varieties are peculiarly adapted for early culture, others for summer growth.



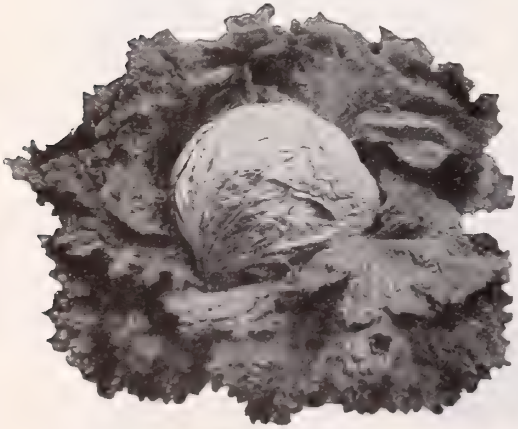
Big Boston Lettuce

Big Boston. The same in color, shape, and general appearance as the Boston Market but double the size. A most desirable sort either for forcing in coldframes or planting in open ground. Is popular with truckers, as it makes large, solid, salable heads. Very highly recommended by those who have tried it. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.25.

Black-Seeded Summer. This Lettuce is becoming very popular among gardeners for summer use. It is of the cabbage type, remaining a long time in prime condition before going to seed. Light green, of fine quality, crisp, tender, and nearly every plant will make a head. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.50.

Defiance (Summer). Stands summer heat better than any other variety. One of the finest large-growing varieties. It forms very large, solid heads, so firm that they have to be cut open to allow the flower-heads to come through. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

Early Curled Simpson. (Black seed.) Very early. Excellent for salads. Forms a compact mass of leaves. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.25.



New York Lettuce

Early Prize Head. (White seed.) A large, clustering, non-heading Lettuce, most excellent for the home and garden, and undoubtedly the most easily grown variety in cultivation. It is too tender, however, to stand shipping or handling on the market. The leaves are finely curled and crumpled, bright green tinged with brownish red, and are very crisp, tender, and sweet. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.25.

Grand Rapids. This variety is considered by many the best loose-headed Lettuce for forcing under glass. Leaves medium size, of light, yellowish green color, much crimpled and frilled, thin, but of very upright growth, crisp and tender. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.25.

G. & T. Co.'s White-Seeded Summer. *The best Summer Lettuce ever introduced.* This variety has exceeded our expectation. It will stand the summer heat better than most sorts, and has a beautiful green color. The solid head is made up of light leaves, nicely crinkled, very tender, and of most excellent flavor. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $2.

Hanson. One of the most reliable sure-heading sorts. Makes a large, globular, light green head of excellent quality. A fine variety for summer planting, as it stands hot weather better than most sorts. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.25.

Iceberg. The heads are large, crisp, solid and tender, with pink tinge on edge. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

Large-Loaf. So well known to truckers and gardeners around Baltimore and Norfolk that for them it scarcely needs description. Large, compact heads, of beautiful light green color, very tender and crisp. This is unsurpassed for frame use, and is also an excellent outdoor Lettuce for fall or early spring. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.25.

May King. A very early, new variety, forming fine, hard heads within a few weeks after planting. It is medium sized, light green, with buttery but crisp heads. There is just a faint tint of brown on the head. We have had no end of praise from our friends and customers who have tried this variety. It is essentially a spring sort, and does well all summer. Being of rapid growth and quick heading, it is especially recommended for home-garden. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.25.

New York, Wonderful or **Los Angeles.** Erroneously called "Iceberg." The most-talked-of Lettuce today. It is grown largely in California and the West and shipped to the eastern markets under the name of "Iceberg." A crisp heading variety, producing very compact heads, with green leaves, slightly curled on edges. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

Romaine or **White Paris Cos.** The best of the Cos or Celery varieties. Forms a large, light green plant with the head well folded and quite solid. Cos Lettuce is also called Romaine, and is very popular with our foreign population, for it is highly prized in England and France. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.25.

White Boston. Sometimes called Unrivaled. Fine light-leaf early Lettuce. A good header. No pink tips on end of leaves like the old Big Boston. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.50.

LEEK

Sow 1 ounce of seed to 150 feet of row

Culture. Select good onion soil, manure liberally, plant in April in drills 6 to 8 inches deep and 18 inches apart, and thin to 9 inches apart in the drill. Gradually draw the earth around the plants until the drills are filled level with the surface. Draw for use in October. To be used in soups or boiled as asparagus.

Extra-Large Mammoth. Large, strong, hardy plant. The best variety for general culture. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $1.75.

MUSTARD

Florida Broadleaf. Quick growing and very productive. The leaves are very large, slightly crumpled, medium light green. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 60 cts.

Fordhook Fancy. Very dark green, plume-like leaves of tender quality and fine flavor. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 60 cts.

Giant Curled. Highly esteemed in the South where the seed is sown in the fall and used in the spring as a salad. Our stock is the true curled leaf, and produces plants 2 feet high and of great breadth, forming enormous bunches. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 50 cts.

White Mustard Seed. For pickles. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 40 cts.

MUSHROOM SPAWN

American

Two pounds of spawn are sufficient for a bed 3 by 6 feet

Culture. Select fresh horse-manure, with straw bedding. Put in a flat pile and cover with 2 to 3 inches of good soil. In the course of 3 to 4 days, turn over and mix thoroughly. Moisten with water, pile up, and cover again with soil and allow the pile to heat. Turn again in 5 to 6 days and moisten as before. Repeat the above about four times, every 5 to 6 days. Put this mixture on floor about 8 inches deep in beds the size desired and pack down with shovel. When the heat rises to 100 degrees, wait until it recedes to about 70, then place the spawn. Keep same moist, make your bed in cellar, shed, pit, or some building that can be darkened.

Cake 25 cts., by mail 30 cts.; 10 lbs. $2.25 by freight or express

Mushrooms

Okra Is a New and Delightful Delicacy—Try It

MUSKMELONS or CANTALOUPES

Sow 1 ounce of seed to 50 hills

Culture. Sow about the last of spring or the first of summer, in hills of light, rich, sandy soil, 4 feet apart, allowing but three plants to grow in each hill. After they have grown about a foot long, pinch off the points of shoots, which causes the vines not only to become stronger, but makes them produce lateral branches and prove more productive and mature earlier. It should not be grown near squashes, cucumbers, or pumpkins, as the flavor will be affected in consequence.

Anne Arundel. One of the largest melons grown around Baltimore. They are heavily netted and ribbed with green flesh of delicious flavor. Fine for market or home use. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

Baltimore Nutmeg. This green-fleshed melon has a handsomely netted rind. It is well known and popular with the truckers and market gardeners of Baltimore and is a leading sort all over the country. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

Bottomly. A production of Anne Arundel County, Maryland, and one of the best Cantaloupes in existence. It is about a week later than Knight. The melons are of fair size, excellent flavor, beautiful form, and comprise all that is necessary for a good Cantaloupe. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.25.

Early Netted Gem. Extensively grown, and many prefer it to all others for table use. Thick, light green flesh, of fine, luscious flavor. Skin green, regularly ribbed, and thickly netted. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

Emerald Gem. Meat salmon-color, exceedingly sweet and delicious. Very early and prolific. One of the best for family use. Its appearance is not attractive, but try it, and you will want it again. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

Extra-Early Hackensack. Skin netted; excellent green flesh. Very showy market variety and a fine keeper. Ten days earlier than the old Hackensack. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

Honey Dew. This new melon averages about part of Maryland. The well-netted fruit runs from 6 to 8 inches long and the salmon-tinted flesh is fine grained, of excellent flavor, sweet, and delicious. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.25.

Honeydew. This new melon averages about 6½ inches in diameter. It has smooth, almost white skin, thin, tough rind, and is a good keeper. The flesh has a delicious flavor. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 45 cts.; lb. $1.25.

Rocky Ford Muskmelon

Improved Jenny Lind. A small, early variety of surpassing good quality, highly recommended for family garden. We consider this the most delicious Cantaloupe we have ever eaten. An abundant bearer. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

Knight. This Cantaloupe has created a furore with our truckers on account of its earliness, productiveness, uniformity in shape and appearance, and its fine table qualities. It matures about a week earlier than the regular Rocky Ford, is larger, and makes a most attractive and salable melon. The thick, green flesh shades to orange at the center. Fruits are oblong in shape, well ribbed and well netted. Its early maturity, together with its fine qualities, are strong points in its favor. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.25.

Long John. Grown extensively in Anne Arundel County. It is oblong, 7 to 11 inches long, deeply netted and ribbed, with green flesh of wonderful flavor, and small seed-cavity. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 40 cts.; lb. $1.25.

New Maryland. Earlier, larger, and cuts better than Rocky Ford. It is heavily netted, making it the most attractive melon on the market. Flesh is green, of fine flavor. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 40 cts.; lb. $1.25.

Paul Rose. The fruit is oval, about 5 inches in diameter, and in shape and general appearance similar to the well-known Netted Gem or Rocky Ford. The firm flesh is a rich orange-red color. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

Rocky Ford. This has become one of the most popular of small or basket melons. The fruit is oval, slightly ribbed, densely covered with coarse netting. Flesh thick, green, very sweet and highly flavored. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 35 cts.; lb. $1.

NASTURTIUM

Culture. Plant in May, the climbing varieties to cover arbor or fence, and the dwarf for beds or hanging-baskets. The leaves are used for salad, and the seeds, when soft enough to be penetrated by the nail, for pickles.

Dwarf Mixed. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; lb. 90 cts.

Tall Mixed. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; lb. 90 cts.

OKRA or GUMBO

Culture. Select a warm location and rich soil; plant when the ground becomes warm, in rows 3 feet apart, thinning plants a foot apart in the row. As the seeds are liable to rot in cool weather, they should be sown thickly. The pods are used to thicken soup, being gathered when young. It is one of the most wholesome vegetables in use.

Dwarf. This, the preferred kind with the growers, is of dwarf habit and very productive. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 50 cts.

White Velvet. Very distinct. The pods are perfectly round and smooth, of an attractive white velvety appearance, and of superior flavor and tenderness. They are extra large and produced in great abundance. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 50 cts.

Yellow Globe Danvers Onion

ONION SEED

Sow 5 pounds of seed to the acre for large Onions

Culture (to grow large Onions from seed). Seed should be sown as early as possible in the spring, as Onions grow much better during the cool weather, and should make most of their growth before the hot weather sets in.

Australian Brown. A valuable long-keeping Onion. The outside skin is deep amber-brown, distinct from all other Onions. Extremely hard and firm, of fine flavor. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.75.

Prizetaker. A beautiful Onion of rich straw-color, and of enormous size. The flavor is mild and delicate. By sowing this sort early you can raise a big crop of large Onions the first season with very little trouble. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $2.

Wethersfield, Large Red. Well-known and favorite sort. A large yielder and good keeper. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 50 cts.; lb. $1.50.

White Silverskin or **Portugal.** A good variety for family use. Skin and flesh pure white; mild flavor; flat shape. The best white Onion to grow largely for sets. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $2.

Yellow Dutch or **Strasburg.** The most popular and best variety for set purposes. Is similar to the Yellow Danvers in its flat shape, color, and size, but as a set Onion it has the quality of ripening down earlier and more uniformly. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 60 cts.; lb. $2.

Yellow Globe Danvers. A very handsome, round, yellow Onion. Large yielder and splendid keeper. The preferred sort with market gardeners and large growers all over the country. We unhesitatingly recommend it for growing either sets or large Onions. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.75.

ONION SETS

It requires 10 to 15 bushels of sets to plant an acre

Culture. Onion Sets require clean, very rich soil, which should be thoroughly cultivated, or they will not do well enough to pay for the trouble of planting them. Disturb the roots of the Onion as little as possible, either in thinning or hoeing, and never hoe earth toward them to cover or hill, as we do most other things.

White. Qt. 25 cts.; by mail, 35 cts.

Yellow. Qt. 20 cts.; by mail, 30 cts.

Ask for prices on sets by the bushel (32 lbs.)

Nothing Is More Delicious Than the Flavor of New Peas

PEAS

Selected Stocks

One pound is about 1 pint, 2 pounds about 1 quart, 15 pounds about 1 peck

Ask for prices in quantity. Add for postage, 8 cts. per pound; 10 cts. for 2 pounds

CULTURE. The dwarf varieties should be liberally manured; the tall sorts will run too much to vine if heavily manured, it being better to depend on the richness of the land that was previously in good condition. Plant the dwarfs in rows 2 feet apart; those varieties attaining a height of from 2 to 3 feet in rows 3 feet apart, and the rows of the tallest sort 4 feet apart. Bushing the tall kind when 6 inches high, on poles set every 6 to 8 feet, with twine fastened to them about 4 inches apart, will answer nicely.

EXTRA-EARLY VARIETIES

Alaska. (**Wilt-resistant.**) Our best rogued and hand-picked stock. Height 26 inches. The earliest Blue Pea. Very uniform in growth and time of ripening. The dark green color of pods makes this a most desirable sort for canners and shippers, as it can be carried long distances without losing color. Lb. 20 cts.; 2 lbs. 35 cts.; 15 lbs. $1.75.

Bountiful. Ripens about three to four days later than extra-early sorts and has much longer and thicker pods, beautifully shaped, of dark green color, which is retained after earlier varieties have turned grey. Seed dented. We recommend Bountiful to all market gardeners and truckers. Lb. 25 cts.; 2 lbs. 35 cts.; 15 lbs. $2.

Early Bird. As large as Thomas Laxton or Gradus and earlier than either. Vines about 2 feet high, with large, well-filled pods. Can be planted earlier than Thomas Laxton or other wrinkled varieties. Lb. 25 cts.; 2 lbs. 35 cts.; 15 lbs. $2.25.

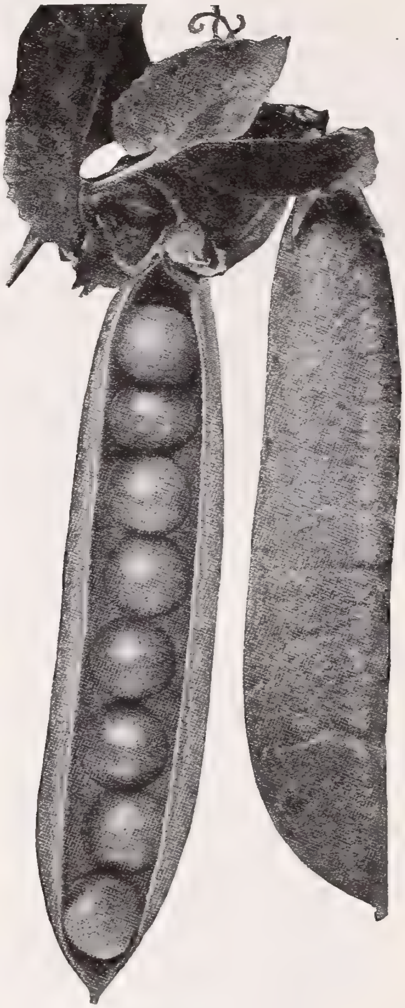
First and Best. Height 2½ feet. Grown with special care. One of the earliest varieties. Lb. 20 cts.; 2 lbs. 35 cts.; 15 lbs. $1.75.

G. & T. Co.'s First-Early. This is the earliest of all and the most profitable early market Pea, because of its early maturity, uniformity of growth, and its productiveness. It ripens up so evenly as only to require about two pickings to secure the crop. Lb. 20 cts.; 2 lbs. 35 cts.; 15 lbs. $1.75.

Large-podded Alaska. In general habit and growth it resembles the well-known Alaska but ripens about three days later, with much longer and thicker pods, handsomely shaped and of a beautiful dark green color which is retained long after other varieties have lost their usefulness. The seed is somewhat dented. We strongly recommend this new Pea to gardeners, truckers, and shippers as a most productive and large extra-early variety. Lb. 25 cts.; 2 lbs. 35 cts.; 15 lbs. $2.

Pedigree Extra Early. Early as Alaska. Large pods, white-seeded, very prolific. All mature at one time and can be gathered in one picking. Lb. 20 cts.; 2 lbs. 35 cts.; 15 lbs. $1.75.

Prolific Early Market. The finest, largest, and most prolific extra-early variety. Larger than Alaska, nearly as early, quite as prolific. Handsome pods, which command the highest prices. Just the Pea for truckers, market gardeners, and the family garden. Lb. 20 cts.; 2 lbs. 35 cts.; 15 lbs. $2.



Thomas Laxton Peas

LARGE-PODDED EXTRA-EARLY VARIETIES

Early Jumbo. Vines 20 inches long. Pods very dark green, 9 inches long, and contain 8 to 9 Peas. Fine for home and market, requiring 66 days to mature. Lb. 30 cts.; 2 lbs. 50 cts.; 15 lbs. $3.50.

Gradus or **Prosperity.** Pale green wrinkled. The most attractive novelty of recent years. Large, handsome pods, well filled, ripening with the earliest, and of vigorous habit. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Improved Laxtonian. A fine, large, mammoth-podded wrinkled, dark green Pea. Vine is dwarf and is fine for home-garden. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Maryland Pride. Gives universal satisfaction to market gardeners and shippers. Pods large, of a deep green color, and nearly as early as Alaska. Lb. 25 cts.; 2 lbs. 35 cts.; 15 lbs. $2.50.

Thomas Laxton. Habit and growth same as Gradus, but pods are a deeper green color, square at the ends, and have fine flavor. Lb. 25 cts.; 2 lbs. 35 cts.; 15 lbs. $2.25.

MEDIUM AND LATE VARIETIES

Champion of England. Height 4 feet. An old favorite, richly flavored, and very productive. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Everbearing. Vines are about 2 feet high, of branching character, forming as many as 10 stalks from a single root-stalk. Peas large and of fine quality. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Improved Sugar Marrowfat. (Genuine Stock.) Height 3½ feet. Grows a strong vine; bears in abundance large, filled pods. The truckers' favorite. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Dwarf Telephone. (**Wilt-resistant.**) A superior late variety maturing in 79 days. The dark green, branching vines grow 26 inches high and are resistant to Fusarium Wilt. Its straight, dark green pods average 4 to 4½ inches long and contain 8 to 10 succulent Peas. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.25.

Late Jumbo. (**Wilt-resistant.**) Vines 26 inches high. Pods round, dark green, curved and pointed at tip, 5 to 6 inches long, requiring 75 days to mature. Seed wrinkled. Fine for home and market. Lb. 30 cts.; 2 lbs. 50 cts.; 15 lbs. $3.50.

Melting Sugar. (Edible pods.) This variety is ahead of all other Sugar Peas, not only in size of pod and prolific bearing, but also for its delicious flavor. It grows to the height of 5 feet, bears a profusion of very large, broad, handsome light green pods, which are so brittle that they snap without any strings. Lb. 25 cts.; 2 lbs. 50 cts.

Telephone. Height 3 to 4 feet. Large, wrinkled seeds; pods large and well filled. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.

Tall Gray Sugar. (Edible pods.) Cooked in the pods same as snap beans. Lb. 25 cts.; 2 lbs. 50 cts.

Dwarf Gray Sugar. (Edible.) Quite a favorite. Lb. 25 cts.; 2 lbs. 50 cts.

DWARF WRINKLED VARIETIES

American Wonder. Very luscious in flavor. Try it. Height 12 inches. The earliest wrinkled Pea; very productive and sweet. Better suited to the private than to the market-garden. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.50.

Little Marvel. Extremely early. Very vigorous grower with dark green vines 18 to 20 inches tall, and produces pods 3 inches long, dark green, very tender and sweet. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.50.

McLean's Little Gem. Similar to Premium Gem, but more straggling in growth; pods not so well filled. Height 18 inches. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.50.

Nott's Excelsior. Best of the dwarf, wrinkled, extra-earlies. The vines are larger and more vigorous than American Wonder, while the pods are fully one-third larger, containing 6 to 8 fine, large Peas, packed so close together in the pods that the Peas are always more square than round. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.50.

Premium Gem. Height 15 inches. An improvement on Little Gem. A splendid wrinkled dwarf Pea. Lb. 25 cts.; 2 lbs. 40 cts.; 15 lbs. $2.50.

It Pays to Grow Improved Varieties of Vegetables

PEPPER or CAPSICUM

Cultivated mainly for pickles; used as a seasoning in many ways; sometimes medicinally.

Culture. Sow seed early in hotbed, if possible; if not, select a warm place in the garden for seedbed; sow as soon as the soil is warm. Transplant when 3 to 4 inches high, in rows 1½ feet apart.

Bell or **Bull Nose.** Plant vigorous, compact, very productive, ripening its crop uniformly and early. Fruit large, with thick flesh of excellent quality, for use in salads and pickles. Color bright red when ripe. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.75.

Bull Nose, Sweet. Large like regular hot Bull Nose Pepper, but mild. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.50.

California Wonder. Plants very vigorous and prolific. Fruits large, of good weight, finest quality, and should be planted by all Pepper growers. Pkt. 15 cts.; oz. 40 cts.; ¼lb. $1.25; lb. $4.50.

Chinese Giant. Double the size of Ruby King; the finest mild Red Pepper grown. It is very productive, having a magnificent appearance, which makes it sell readily. Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25; lb. $5.

Long Red Cayenne. A well-known variety, having a slender, twisted, and pointed pod about 4 inches long, and, when ripe, bright red in color. Extremely strong and pungent flesh. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; lb. $3.

Pimento. The mildest flavored of all Peppers. Its productiveness makes it a desirable sort for the home-garden or market. Pkt. 10 cts.; oz. 35 cts.; ¼lb. 75 cts.

Red Cherry. Plant tall, bearing a profusion of round, bright red fruits which are very pungent when ripe. The plant, when in fruit, is very ornamental. Pkt. 10 cts.; oz. 40 cts.

Red Chili. Used in the manufacture of Pepper sauce. The bright, rich red pods are about 2 inches long, ⅓ to ½ inch in diameter at the base, tapering to a sharp point and exceedingly pungent when ripe. Pkt. 10 cts.; oz. 40 cts.

Sweet Mountain. Plants very vigorous, of compact, upright growth, but do not ripen fruits until very late. It is very large and often 8 inches or more in length by 2 in diameter; very smooth and handsome, being, when fully matured, of a rich red color. Flesh very thick, sweet and mildly flavored. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.75.

Ruby King. Improved American variety, often 4 to 6 inches long and quite symmetrical in shape. It is very bright colored and the flesh is sweet and mild flavored. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.75.

California Wonder Pepper

Hollow-Crown Parsnips

PUMPKIN

Culture. Plant in May, in hills 8 feet apart. Allow 10 seeds to each hill, as bugs often destroy the young plants, but allow only 2 or 3 healthy plants to remain in each hill. They are usually planted in fields with corn or potatoes.

Connecticut Field. A fine, large, orange-colored variety used for field-culture and stock-feeding. The skin is smooth and ribbed and the flesh is brittle and sweet. Oz. 10 cts.; ¼lb. 20 cts.; lb. 40 cts.

G. & T. Co.'s Maryland Sweet Potato. This is the best table Pumpkin in cultivation. In shape and size it somewhat resembles the Cashaw, but is much more beautiful in color, being a handsome green with white stripes. The flesh is a rich yellow color, solid, fine grained, very thick, of delicious flavor. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 70 cts.

Large Cheese or **Kentucky Field.** A very large, flattened Pumpkin, averaging about 2 feet through. When ripened, the skin is a rich cream color. Flesh yellow and of fine quality. Oz. 10 cts.; ¼lb. 20 cts.; lb. 40 cts.

Tennessee Sweet Potato. A splendid pie and cooking Pumpkin. It grows pear-shaped, is of medium size, slightly ribbed; skin is creamy white, lightly striped with green; flesh very thick, creamy white, dry and fine-grained, keeping well until late in the spring. When cooked resembles sweet potatoes, but much more delicious in taste. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 70 cts.

Yellow Cashaw or **Crookneck.** Solid flesh, fine and sweet. Keeps well. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 70 cts.

PARSLEY

Culture. Select rich soil; sow the seeds in drills 1 foot apart, covering ½ inch deep. It would be well to firm the soil with the foot after sowing the seed. As the seed is usually from 15 to 25 days in germinating, it will be necessary to sow early. Thin plants to 4 inches apart when 2 inches high. The beauty of the plant may be increased by several successive transplantings. It is used principally for flavoring soups, etc., and for garnishing in its natural state.

Baltimore Emerald Green Triple Curled. The newest and best variety yet introduced. Beautiful green color and finely curled and crimped. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 60 cts.

Dwarf Extra Curled. The most beautiful and valuable variety in use. Handsome bright green leaves, finely crimped, beautifully curled. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 60 cts.

Moss Curled. A very select crimped variety. Oz. 15 cts.; ¼lb. 25 cts.; lb. 70 cts.

Hamburg-Rooted or **German.** The root resembles a small parsnip and is the edible part of the sort; used for flavoring soups. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 70 cts.

PARSNIP

Culture. Parsnips will flourish best and give the longest, largest, and smoothest roots in a very deep, rich soil—one that has been made rich from manure the previous year. Sow as early in the spring as the ground can be made ready, pretty thickly in drills from 12 to 18 inches apart, and about an inch deep. Thin the plants to 5 to 6 inches apart.

Hollow-Crown or **Sugar.** Superior in quality to all other varieties. The roots are smooth, tender, of handsome shape, and early. Oz. 10 cts.; ¼lb. 20 cts.; lb. 60 cts.; 5 lbs. $2.50.

RADISH

One ounce will sow 100 feet of drill

Culture. For an early supply, sow in hotbed in February; for succession, from middle of March to September. Radishes thrive best in light, rich, sandy loam.

Early Red Turnip. Turnip-shaped; red skin. Fine for forcing. Sometimes called Red Button Radish. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 60 cts.

Early Scarlet or **Prussian Globe.** The very best forcing variety. Sown largely by market gardeners and truckers. It is of globular shape and brilliant, beautiful crimson color, with short top, and will stand a large amount of heat without becoming pithy. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 60 cts.

Early White-Tipped Scarlet. An excellent variety for forcing, with very short leaves. Bright scarlet in color, with a white tip. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 70 cts.

French Breakfast. Oval form; scarlet, white tipped. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 70 cts.

Scarlet Olive-Shaped. A showy half-long variety of pretty shape and bunches beautifully. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 70 cts.

Summer Varieties

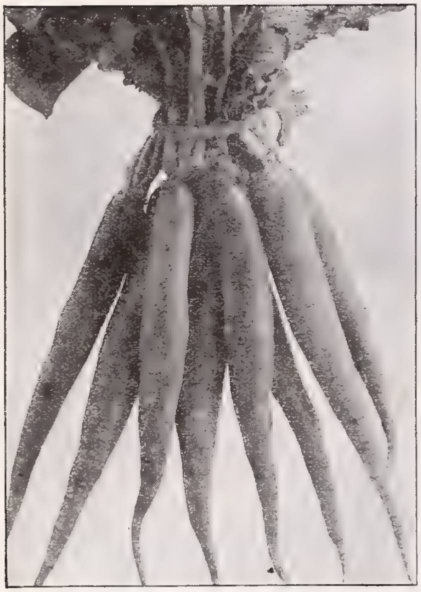
Chartier. Good variety for private or market-garden purposes. Stands long before going to seed and is tender and crisp. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Delicacy. Resembles White Strasburg, but more evenly shaped and smaller topped. Grows into full size and perfection during the hottest months. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Giant Stuttgart. A splendid new variety of excellent quality that withstands summer heat. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Model Philadelphia White Box. The best and earliest round white Radish for early spring growing. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 70 cts.

Nothing Is More Refreshing Than Snappy, Peppery Radishes



Long Scarlet Radishes

RADISHES, Summer Varieties, con.

White Icicle. A beautiful, long, slender Radish of recent introduction. Beautiful pearl-white color, firm and solid, slow to get woody. A good seller. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 60 cts.

White Strasburg. Fast becoming one of the most popular summer sorts. It is of handsome tapering shape; skin pure white; very tender. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 60 cts.

Long Varieties

Long Scarlet. (Finest grown.) Very attractive and sells rapidly. Owing to its shape, brilliant color, and fine qualities, it commands a higher price and more ready sale than the ordinary Long Scarlet as generally sold. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 60 cts.

White Vienna or **Lady Finger.** Unquestionably the finest long white Radish. Shapely; snowy white. It is of very rapid growth, and remarkably crisp, brittle, and tender. Equally desirable for the market or home-garden. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 60 cts.

Winter Varieties

Chinese Rose Winter. Remarkably fine for winter use. The best of the winter sorts. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 60c.

White Chinese Winter or **Celestial.** This excellent variety is sold also as Chinese White Winter. The roots are long, cylindrical, with beautiful white skin and flesh. It is the whitest of the winter varieties. The roots are 6 to 9 inches long by about 2½ to 3½ inches in diameter. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 60 cts.

RHUBARB or PIE-PLANT

Sow 1 ounce of seed to 125 feet of drill

Culture. Good plants are easily grown in any good garden soil. Sow seed thinly in shallow drills a foot apart, thin to 4 to 5 inches. Keep soil loose and free from weeds. The plants are liable to vary. Pick out the strongest and best. In fall or spring following transplant to the permanent bed, 4 feet apart each way, in deep, warm and very rich soil. **Pkt. 10 cts.; oz. 20 cts.; ¼lb. 35 cts.; lb. $1.25**

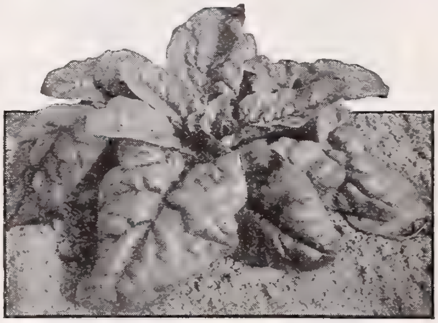
SALSIFY or VEGETABLE OYSTER

Culture. Sow in early spring, in light, rich soil, in drills 14 inches apart, and thin the plants to 6 inches in the row. The roots will be ready for use in October and will sustain no injury by being left in the ground during the winter.

Sandwich Island Mammoth. This new Salsify grows fully twice the size of the old sort, and is superior in quality. Invaluable to market gardeners. Pkt. 10 cts.; oz. 20 cts.; ¼lb. 50 cts.; lb. $1.75.

SPINACH

Culture. Quite an important crop with market gardeners and one easily managed. For summer use, sow early in spring, in drills 8 to 12 inches apart, covering the seed 1 inch deep. Select rich soil and manure liberally. A succession may be obtained by sowing at intervals of two weeks through the season. For a very early spring crop, sow in September, and protect the plants through the winter by top-dressing.



Long-Standing Bloomsdale Spinach

Improved Long-Standing Bloomsdale Savoy. Reselected. A most desirable sort. Very curly and dark green. Stands 10 days longer than the other Savoy types before going to seed. While it is a slow seeder, it requires a longer time before it is fit to cut. Oz. 10 cts.; ¼lb. 15 cts.; lb. 25 cts.

Juliana. Reselected. Long standing. The finest crinkled sort of the flat type. Lots of dark green foliage and a very shy seeder. Fine for summer sowing. Oz. 10 cts.; ¼lb. 15 cts.; lb. 25 cts.

Long Seasons. Long standing; slow to run to seed. Crimped, dark green foliage. For spring sowing. Oz. 10 cts.; ¼lb. 15 cts.; lb. 25 cts.

New Zealand. The hot-weather Spinach. Will resist heat and make a strong growth during the summer. The plants will continue to grow until late fall, supplying, all during summer and fall, an abundance of rich green leaves. It cannot stand frost like other Spinach. For family gardens only. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Old Dominion. Originated in the Old Dominion of Virginia, at the Virginia Experiment Station. It is curled, wilt-resistant, and much slower to run to seed than the Virginia Blight-resistant Bloomsdale. Fine for sowing in late fall to carry over for spring cutting. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Reselected Bloomsdale Savoy. Grown from pedigree stock, carefully rogued each year for the true Bloomsdale Savoy Spinach plants. Oz. 10 cts.; ¼lb. 15 cts.; lb. 25 cts.

SPINACH, continued

Reselected Dark Green Bloomsdale Savoy. As its name implies, it has all the merits of the Reselected Bloomsdale Savoy plants. Very much crumpled, stands long before going to seed, and only two days later than the Reselected Bloomsdale. Oz. 10 cts.; ¼lb. 15 cts.; lb. 25 cts.

Victoria Long Standing. Slow to run to seed; dark green in color, crumpled. Good for spring sowing. Oz. 10 cts.; ¼lb. 15 cts.; lb. 25 cts.

Virginia Blight-Resisting Curly Bloomsdale. Fine for carrying over winter. Oz. 10 cts.; ¼lb. 15 cts.; lb. 25 cts.

Ask for prices in quantity

SQUASH

Culture. The Squashes are all quite tender, and therefore no progress can be made in starting them until the weather becomes somewhat warm and settled. Plant in hills 5 feet apart each way for the bush varieties and 8 feet for the running varieties; put 8 seeds to the hill, but don't allow over 3 to stand.

Benning's White Bush. Same shape as White Bush, but preferred by growers on account of its beautiful rich green-tinted color. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Boston Marrow. A popular variety, with large, oval fruit. Skin bright reddish orange, with light cream netting. Flesh orange, fine grained and of excellent quality. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 20 cts.; lb. 50 cts.

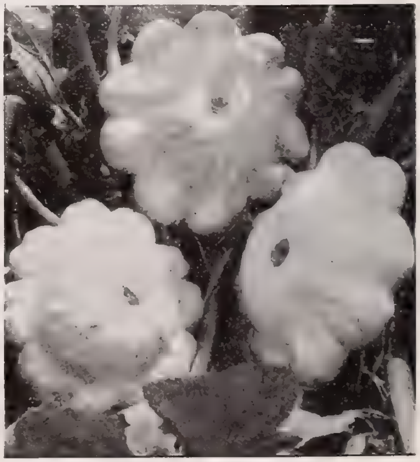
Early White Bush Scallop. A desirable and marketable sort. Best known and most productive of all the summer sorts. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Hubbard. The most popular winter Squash. Fruit is oblong and pointed, heavily warted, dark green in color, with orange-colored flesh. Is remarkable for its keeping qualities. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 90 cts.

Italian Marrow Cocozelle. This foreign variety grows to a length of 6 to 8 inches in about 65 days. The skin is dark green, becoming light green as it matures. Flesh is pale green, firm, and tender. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 30 cts.; lb. $1.

Summer Crookneck. (Early.) A desirable table sort. Oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Winter Crookneck. Flesh red, of fine flavor. Largely grown for winter use. Oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.



White Bush Squash

No Vegetable Has More Uses Than the Tomato

TOMATOES

Culture. For early fruit, sow seed March 1 in the hotbed or in pots in a sunny exposure in the house. When the plants are about 3 to 4 inches high they should be set out 4 to 5 inches apart in another hotbed or coldframe into small pots, allowing a single plant to a pot. Expose to the air as much as possible to harden, and about the middle of May set the plants in the open ground at a distance of 4 to 5 feet each way. Water freely at the time of transplanting and shelter from the sun for a few days until the plants are established.

Tomatoes will admit of training to stakes or trellis of various kinds. The usual method is to set one strong plant to a stake, using stakes 5 to 7 feet high and tying the plant up with strong, soft twine. Prune out quite freely as the vines advance in growth.

EXTRA-EARLY VARIETIES

Bonny Best. As its name signifies, it is the best extra-early Tomato yet introduced. Fully 10 days earlier than Chalk's Early Jewel and within a day or two, if not quite as early, as Spark's Earliana. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; lb. $2.75.

Super Bonny Best. State Certified. Grown under contract especially for us. Pkt. 10 cts.; oz. 50 cts.; ¼lb. $1.50; lb. $4.50.

Break O'Day. For early market only. A new variety of early light red Tomato originated by Dr. F. J. Pritchard of the U. S. Department of Agriculture by crossing Marvana with Marglobe. The vines are very open growing and somewhat resemble Earliana in appearance. It is quite resistant to disease and can stand severe adverse weather conditions. The fruits are medium to large. Plant in rich soil. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; lb. $2.75.

Chalk's Early Jewel. Deep-fruited and solid. The vines grow very compact. Fruit of uniformly good size, deep, very solid, brightest scarlet, ripening up to the stem without cracks or green core; sweet flavor. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; lb. $2.75.

Early I.X.L. Earliest, largest, and most prolific. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; lb. $2.75.

John Baer. *New.* Early; prolific. Fine flavor and shape. Quite as early as Bonnie Best. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; lb. $2.75.

Marglobe. Early Wilt-resisting Variety. Originated from a cross between Marvel and Globe made by an expert plant-breeder of the U. S. Department of Agriculture. This excellent fruit has carried the equally desirable character of wilt-resistance to the extent that Marglobe will continue to bear fruit and retain its green foliage when planted on wilt-infested soil. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.75.

Super Marglobe. State Certified Seed. Grown under contract especially for us. Pkt. 10 cts.; oz. 50 cts.; ¼lb. $1.50; lb. $4.50.

Pritchard or **Scarlet Topper.** This new wilt-resistant Tomato was originated by the U. S. Department of Agriculture, and the stock we offer was grown from seed furnished by them. Pritchard will prove profitable in districts where wilt is prevalent, and truck-growers will find the smooth, solid fruits particularly suitable for packing and shipping. It is a mid-season or main-crop variety, producing a heavy crop of deep scarlet, globe-shaped fruits of good size and unusual solidity. The vines are of rugged growth and medium height, with abundant foliage to protect the fruits from hot sun. Pkt. 10 cts.; oz. 25 cts.; ¼lb. 75 cts.; lb. $2.75.

Spark's Earliana. The earliest bright red Tomato. Very large, smooth, solid, bright red fruits, excellent for slicing. Grows in clusters; slightly acid. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; lb. $2.75.

G. & T. Co.'s Freestate. The largest and finest extra-early Tomato. Round, very solid, deep scarlet, non-acid fruit of excellent flavor. Considered larger and earlier than Bonnie Best. Pkt. 50 cts.; ¼oz. $1; ½oz. $1.75; oz. $3.

MAIN-CROP VARIETIES

Greater Baltimore. Introduced in Baltimore some years ago. Large fruits of bright scarlet color, ripening uniformly up to the stem. One of the best main-crop varieties for canner and market. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 60 cts.; lb. $2.

G. & T. Co.'s World's Fair. The great canner. The five great points of this Tomato are solidity, symmetry, bright red color, uniform ripening, freedom from rot. Its shipping and keeping qualities are unexcelled. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; lb. $2.50.

New Stone Tomatoes

Marglobe Tomato

Kelly Red. This splendid red Tomato originated in Anne Arundel County, Maryland, and through its superior qualities has become the Tomato most largely used in that section. It is large, meaty, an abundant yielder, and withstands unfavorable conditions remarkably well. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 60 cts.; lb. $2.

My Maryland. An exceptionally heavy yielder of wonderfully uniform, well-shaped, solid, smooth, bright red fruits. It is a second-early or main-crop variety. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 60 cts.; lb. $2.

New Stone. Ripens for main crop. Very large fruits of bright scarlet color, exceptionally smooth, with occasional specimens very slightly octagon-shaped. They ripen evenly to the stem without a crack and are exceedingly solid and firm-fleshed, as the name indicates. An excellent shipper, not subject to rot. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 75 cts.; lb. $2.

Oxheart. *New.* The largest new variety of Tomato yet introduced. Some fruits weigh as much as 1½ pounds. It is oxheart shaped, extremely solid, and a purplish scarlet color, with a mild subacid flavor. Fine for the home-garden. Pkt. 10 cts.; oz. 50 cts.; ¼lb. $2.

Ponderosa. Remarkable for size and weight, fruits sometimes weighing over a pound. The deep red flesh is thick, solid, and of fine quality. Excellent for the home-garden and to grow on trellises. Sometimes called "Beefsteak." There is nothing better for slicing. Pkt. 10 cts.; oz. 40 cts.; ¼lb. $1.25.

Red Rock. One of the finest for canning, being extraordinarily solid, smooth, and red. No other variety has any better qualities than Red Rock. Of fine flavor, very meaty, and wonderfully free from acid. A heavy producer and good shipper. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 60 cts.; lb. $2.

Wisdom. Medium early; good cropper. Fruits of fine size and flavor. Good for early or late planting. Pkt. 10 cts.; oz. 30 cts.; ¼lb. 60 cts.; lb. $2.

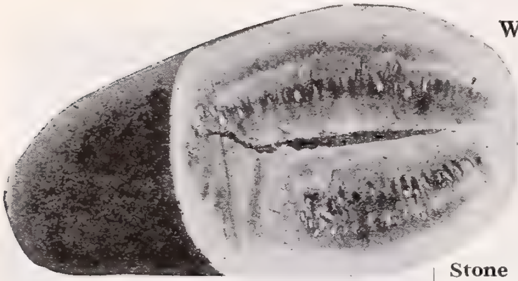
SMALL-FRUITED VARIETIES

These are small varieties used for preserves and pickles.

Pear-Shaped Red
Pear-Shaped Yellow
Yellow Plum

Any of above, pkt. 10 cts.; oz. 35 cts.; ¼lb. $1.25

Sow Turnips in New Ground and Grow Them Quickly



Kleckley's Sweet Watermelon

WATERMELONS

Sow 1 ounce of seed to 30 hills; 4 lbs. to the acre

Culture. Watermelons require a rich, sandy soil for best development. Cultivate the same as for cantaloupes, except that the hills should be 8 to 10 feet apart.

Dark Icing. An extra-early and extra-good variety for home use and near-by markets. One of the most delicious of melons, being rich red and sugary to the very rind. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Excel. In appearance it strongly resembles Tom Watson. It has a very thin, tough rind and is uniformly large. An unusual melon in that, although a grand shipper, it is also one that we can highly recommend for the private garden, the beautiful red meat being decidedly crisp, sweet, and luscious, and solid to the center. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Florida Favorite. We consider this one of the richest and sweetest flavored melons grown. It is of medium size and prolific. Now very popular with the truckers and melon-growers of Maryland and Virginia, and sells readily in the Baltimore markets. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

General Pershing. One of the best melons yet introduced. Its tough rind makes it a good shipper. Red, sweet flesh. Produces a big crop of enormous melons. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Gray Monarch or **White Icing.** This distinct melon is, without a doubt, one of the largest of all. The skin is a mottled gray color, and the melons are long, with bright crimson flesh of sweet, delicious flavor. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Irish Gray. This new South Georgia variety has attained great popularity on its merit. It's a combination melon, equally good for shipping or home use. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Kleckley's Sweet. Skin dark green; rind thin; flesh scarlet, very solid, firm, and of most luscious quality for the home market or family garden. Decidedly one of the best. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Lord Baltimore. A very early melon of oblong shape, and the handsome crimson flesh is deliciously sweet. It has a thin, hard rind, beautifully mottled light and dark green. Its perfect shape, faultless color, fine texture, and excellent flavor combine to make it one of the very best melons that grow. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Rattlesnake. Large, oblong melons with striped and mottled skin; flesh bright red. A good shipper and a favorite variety in the South. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

WATERMELONS, continued

Ribault. This new melon grows from 24 to 30 inches long and 14 to 18 inches in diameter. The thick rind, dark green, slightly striped with lighter green, makes it a good shipper. It is free from hard centers. Seed large, white, with black rings on the tips. Has a small seed-cavity and will mature in 95 days. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Stone Mountain. A very large, nearly round or "blocky" melon of high quality. Rind fairly tough, dark green; flesh sweet, rich scarlet, with few seeds. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 85 cts.

Thurmond Gray. Similar to Irish Gray, except with larger melons and brown seed instead of white. The rind is very tough and it stands shipping as well as any melon grown. Flesh is free from strings, fine grained, crisp, and tender. Its eating qualities are excellent. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Tom Watson. The large, oblong melon, with dark green skin, has a thin, tough rind, which gives it excellent shipping qualities. Melons average from 18 to 24 inches long and from 8 to 12 inches in diameter. Flesh deep red, crisp, melting, and of finest flavor; heart large, with little or no core. One of the best eating melons known. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Winter Queen. A nearly round variety with white rind having pale green stripes. Seed black and small. Flesh deep red and stringless, sweet, of excellent quality. It ripens in 100 days and will remain solid for a long time. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 75 cts.

Citron. (For preserves.) Fruit round and handsome. Used only in making preserves. Pkt. 10 cts.; oz. 15 cts.; ¼lb. 25 cts.; lb. 90 cts.

TURNIP

Culture. For early use, sow the small sorts as soon as the ground can be worked in the spring, in drills 14 inches apart, the Rutabagas, 30 inches. As the seed is very fine, it should be covered but slightly, excepting in very dry weather. Select light, and if possible, new soil and manure with plaster and ashes or phosphates. Should the young plants be troubled with insects, a sprinkling of Slug Shot will be beneficial. For fall and winter use, the early kinds should be sown from the middle of July to the middle of August, and the Rutabagas from the middle of June to the first of July, using from 1 to 1½ pounds of seed to the acre.

Cow Horn (Large Cropper). This variety is pure white, excepting a dash of green at the crown, and in shape is long, like the carrot. Oz. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

Early White Egg. A new egg-shaped, white variety of rapid growth. Oz. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

Extra-Early Purple-Top Milan. The earliest flat Turnip in cultivation. None equal to it for spring sowing. Oz. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

G. & T. Co.'s Improved Purple-Top. A standard yellow-fleshed field variety for stock and fine for family use. This splendid Swede is the hardiest, most productive, and most nutritious variety in cultivation. Oz. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

Large Amber or **Yellow Globe.** Grows to a large size; flesh yellow, firm and fine-grained. Excellent for either table use or feeding stock. Oz. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

TURNIPS, continued

Improved Purple- or Red-Top Globe. This excellent table variety is globular in shape, of good size, and very attractive appearance. The roots are large, purple or dark red above ground, white below; flesh is white, fine-grained, and tender. The roots, when in best condition for the table, are about 3 inches in diameter, but can be grown much larger for stock-feeding. This sort keeps well for so early a variety, and is one of the best for market use. It is also known as Red-Top White Globe. Oz. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

Red or Purple-Top Flat Strap-Leaved. A very early, strap-leaved variety, extensively used for the table. The leaves are few, entirely upright in growth. Roots are flat, of medium size, purple or dark red above ground, white below. Flesh is white, fine-grained, and tender. Roots when in best condition for table use are about 2½ inches in diameter, but can be grown much larger for stock-feeding. This sort is also known as Early Red-Top Strap-Leaved. Oz. 10 cts.; ¼lb. 15 cts.; lb. 40 cts.

Seven Top. Used largely in the southern states for greens and salads. Oz. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

Southern Prize. True strain of the favorite Turnip used for greens in Virginia and the Carolinas. Valued also for its bulk. Oz. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

White Flat. Differs from Red-Top only in color. Oz. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

Yellow Aberdeen or **Scotch Yellow.** A highly approved Cattle Turnip attaining a large size. It is solid, nutritious, a good keeper, and in every respect reliable. Oz. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

RUTABAGAS or SWEDES

G. & T. Co.'s Improved Purple-Top. Yellow-fleshed. A standard field variety for stock and fine for family use. This splendid Swede is the hardiest, most productive and most nutritious variety in cultivation. Oz. 10 cts.; ¼lb. 15 cts.; lb. 50 cts.

Purple-Top White Globe Turnip

The Purchase of Good Seed Is the First Principle of Crop Insurance

FIELD CORN

One quart weighs about 1¾ pounds; 1 peck, about 14 pounds; 1 bushel, about 56 pounds

Postage 8 cts. per pound extra

Boone County White. We believe this is the best all-round white Corn in existence. Matures in 110 to 115 days. It is a heavy yielder, has large ears, deep grains, small cobs, and produces good-sized fodder, free from barren stalks. Qt. 20 cts.; pk. 60 cts.; bus. $2.25.

Chestnut Grove Yellow. The ears are large, with deep, medium-sized grain of beautiful color. Qt. 20 cts.; pk. 60 cts.; bus. $2.

Eureka White Ensilage. Specially adapted for ensilage. Bus. $2.50.

G. & T. Co.'s Improved Maryland White Dent. After years of careful selection we have secured this improved white Field Corn. It grows good-sized ears and makes splendid meal. Produces better crops on average land than most any other variety. Qt. 20 cts.; pk. 60 cts.; bus. $2.25.

Improved Early Leaming. An early, selected variety of yellow Corn with small grains, weighty and productive. Highly esteemed in Maryland and Pennsylvania. One of the earliest varieties of yellow Corn in cultivation. Qt. 20 cts.; pk. 60 cts.; bus. $2.25.

Johnson County White. A favorite white Corn in the western Corn-belt. Ears same size as Boone County White. Good deep grains on small, white cobs. It will shell from 6 to 7 bushels per barrel. We recommend it as a fine general main-crop sort. Will mature in about 120 days. Has abundant foliage, which makes it also valuable for ensilage purposes. Qt. 20 cts.; pk. 60 cts.; bus. $2.25.

New Maryland Yellow Dent. The grains are unusually deep, ears large, and stalks grow 7 to 10 feet high. Does not exhaust soil so much as other sorts. Qt. 20 cts.; pk. 60 cts.; bus. $2.

90-Day Corn. (White with red cob.) This is an elegant Corn for truckers and market gardeners as it is a good seller as green Corn. Is suitable for either early or late crop. Qt. 20 cts.; pk. 75 cts.; bus. $2.50.

90-Day Yellow. An excellent quick-growing variety. May be planted after peas are taken off, and makes a good crop. Largely used by truckers. Qt. 20 cts.; pk. 60 cts.; bus. $2.25.

Reid's Yellow Dent. Matures in 100 to 105 days. Very solid, heavy ears, from 8 to 12 inches long, with 16 to 18 rows of deep, rich yellow grains. Small red cob. Fodder from 7 to 8½ feet high, and produces a great many stalks with two ears. A fine early Corn. Qt. 20 cts.; pk. 60 cts.; bus. $2.25.

Smoky Yellow Dent. The earliest Dent Corn today. Will mature in 75 to 80 days. A good yielder. It is the most beautifully colored Corn in cultivation. Sides of grain red, with white cap. Grows strong, quick, and has splendid 7 to 8-foot fodder. Qt. 20 cts.; pk. 60 cts.; bus. $2.25.

Popcorn. Lb. 15 cts.

Popcorn Poppers. 25 cts. each.

Broom Corn. To grow Broom Corn successfully, the ground should be rich and well prepared. Plant seeds in rows 3 feet apart by 1½ feet. Lb. 30 cts.

BARLEY

Beardless Fall. A fall variety without beards. Ask for prices.

Bearded Fall. A heavy yielder, much better than spring-sown. Sow in September for best results. Ask for prices.

SEED WHEAT and RYE

We can offer choice stocks of Seed Wheat and Rye, recleaned and at reasonable prices. Write us August 1 for special prices for fall sowing.

SEED BUCKWHEAT

Japanese. The best sort. Plants are large and vigorous, maturing their seed early. One-half less seed is required per acre than with ordinary varieties. Ask for prices.

WHITE-SEEDED OATS

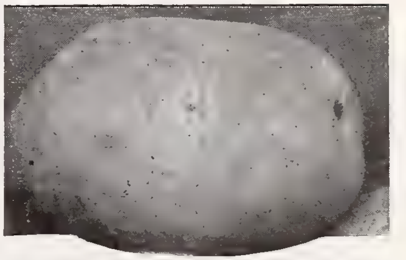
For spring sowing. A bushel weighs 32 pounds. Extra-heavy fancy White Oats. Ask for prices.

WINTER TURF OATS

Perfectly hardy in the southern and middle states, standing the winter nearly as well as wheat. Yields, on good land, from 50 to 70 bushels to the acre, of fine heavy grain weighing from 30 to 40 pounds to the measured bushel. Furnishes excellent fall, winter, and early spring grazing, without injury to the grain crop. Write for prices August 1.

Write for quantity prices of all Seeds offered on this page.

Improved Leaming Corn



SEED POTATOES

MAINE or NORTHERN-GROWN

All Potatoes sold by weight only; 1 bushel weighs 60 pounds

Culture. The soil best suited to the Potato is a rich, sandy loam, but it seems to thrive in almost any soil or climate. The Potato being a gross feeder requires a liberal application of manure. If stable manure is to be used it should be well-rotted, and not allowed to come in contact with the tubers. On no other crop are the results from the use of phosphates so manifest as on the Potato; almost invariably the tubers are smoother, brighter and freer from rust and the destructive influence of wireworms. Plant as early in the spring as the ground can be thoroughly worked, in rows 3 feet apart and 1 foot apart in the rows, covering in light, warm soil about 4 inches, and in cold wet ground 3 inches deep; draw the earth to the plants as they advance in growth. The soil should be constantly stirred through the season to prevent the surface from baking.

Green Mountain. This is a most excellent late Potato that does remarkably well on poor soils, and is very free from disease. It resists drought wonderfully well and produces tubers of large size and attractive appearance with white flesh. A good keeper, and when put away in the fall will keep well until spring. Matures in 140 days.

G. & T. Co.'s Extra-Early Prize. This Potato is in all respects a very popular early sort. It proved to be early and productive and its eating qualities first class. We consider it the best early Potato on the market today.

Irish Cobbler. Very productive and matures early. Shape chunky; eyes strong and deep set; skin netted; flesh white, of very superior quality. After years of experience we find that it is a very superior variety. Don't fail to get it.

Prosperity. A middle-crop variety, and one of the handsomest large Potatoes ever produced. The yield is immense, and even under unfavorable circumstances can be relied on. Flesh very white; cooks dry and mealy.

Red Bliss Triumph. This beautiful variety combines the wonderful productiveness of the Peerless with all the good qualities of the Early Rose. It is much more productive, and matures its crop at least a week in advance of Early Rose.

Spaulding Rose. This leads the list for Rose Potatoes, and is today one of the best early market sorts. Our stock of this, grown on new land near Houlton, Maine, is rugged and pure, and produces as good crops as those which made the Early Rose famous in its early years.

All Potatoes, peck 50 cts., postage extra. Write for price per bushel and barrel lots

Choice Jersey Sweet Potatoes during season

FORAGE and SILO SEEDS

COWPEAS

The great soil-enricher. Makes poor land rich and good land better. They also make the best quality of hay when cured.

The sowing of Cowpeas is one of the cheapest as well as the best means of improving the soil. They can be turned down for green manuring, or, if allowed to ripen, cut and cured for hay; turn down roots, which will give as good results as when whole plant is used.

Black. The standard variety. Makes a fine growth, both of vine and leaves, and a good yield of Peas.

New Era. An early-maturing variety which has proved very popular and satisfactory.

Whippoorwill. A favorite, early, upright-growing variety, more largely used and sold than any other kind.

Mixed Cowpeas. Fine for forage or improving the soil generally. Sold at a lower price than the named varieties.

SORGHUM or SUGAR-CANE for FODDER

Early Amber. Grows 10 to 12 inches tall, and is relished by all kinds of stock.

SOJA BEANS

Unsurpassed in nutritive value for feeding; also make a splendid soil-improver.

Mammoth Yellow. The largest-growing and most popular of Soja Beans for forage purposes. A little later in maturity than other kinds.

Virginia Brown. Coming into use very extensively. About the same size as the Wilson.

Wilson Black. One of the best, in our opinion, for the northern states, where a quick, early variety is desired.

VETCHES or TARES

Spring (*Vicia sativa*). Closely associated with peas in character. Highly valuable for soiling, for green manuring. Use 30 to 50 pounds to the acre. Sow in spring while ground is cool and moist. Lb. 10 cts.

Winter (*V. villosa*). Also called Sand Vetch or Hairy Vetch. Recommended for fall sowing with rye, as it is hardy in many localities in the North. Use 30 to 50 pounds per acre. Price on application.

Flaxseed. Lb. 12 cts.; 3 lbs. 35 cts. Postage extra.

MISCELLANEOUS FORAGE and SILO SEEDS

Kaffir Corn. The heads contain small white seeds which are greedily eaten by horses and cattle.

German Millet. A fine, quick-growing summer hay crop. Should be sown thick, not less than one bushel per acre. Cut while in flower. Sow any time after the middle of May up to first of August.

Canada Field Peas. Sown in February, March, or April, with a small quantity of oats, they make forage. Sow 1 to 1½ bushels per acre broadcast with a half bushel of oats.

Russian Sunflower. Highly recommended for poultry—the best egg-producing food known. Lb. 10 cts.

Dwarf Essex Rape. Can be sown all through the season, being perfectly hardy. Sow 5 pounds to the acre, or 2 to 3 pounds in drills. It is unequaled as pasturage for sheep, and as a fattening food for all kinds of live-stock. Lb. 10 cts.; by Express, 10 lbs. and over, 8 cts. per lb., not prepaid; $7 per 100 lbs.

HIGH-GRADE GRASS and CLOVER SEEDS

TIMOTHY (*Phleum pratense*). This makes one of the most popular, nutritious, and salable of hay grasses. Bushel weighs 45 pounds.

RED-TOP or HERD'S GRASS (*Agrostis vulgaris*). This grass makes excellent pasturage and is adapted for seeding with Timothy for hay.

FANCY CLEANED RED-TOP. Sow 12 to 15 pounds per acre. Bushel weighs 32 pounds.

TALL MEADOW OAT GRASS (*Avena elatior*). Relished by cattle, early and late. Height, 2 to 4 feet. Sow 50 pounds to the acre. Bushel weighs 10 pounds.

KENTUCKY BLUE GRASS (*Poa pratensis*). Best for pasture and lawns when combined with other grasses. Bushel weighs 14 pounds.

ORCHARD GRASS (*Dactylis glomerata*). One of the best and most reliable grasses for hay or pasturage. It succeeds well on nearly all soils, but does best on upland, loamy, or moderately stiff soils. Sow 3 bushels per acre if sown alone; with Red-Top, 1½ bushels of Orchard and 7 pounds of Red-Top are the quantities usually sown. Bushel weighs 14 pounds.

CREEPING BENT GRASS (*Agrostis stolonifera*). Excellent for lawns; succeeds well in all conditions. Makes a low, velvety growth.

MEADOW FESCUE, RANDALL, or ENGLISH BLUE GRASS (*Festuca pratensis*). It makes a very good pasturage grass, and is particularly valuable for fall and winter pasturage, as it remains green throughout the winter.

SUDAN GRASS. One of the best hay forage crops. Sow at the rate of 25 to 30 pounds per acre, after corn-planting time. Will produce a fine crop of hay nearly equaling Timothy, as to food-value. Is easy to cure and grow. Sown in connection with Soja Beans, about 20 pounds Sudan Grass and 1 bushel Soja Beans to acre makes the finest kind of hay. Do not let frost touch the crop before cutting. Ask for prices.

RED FESCUE. A densely tufted perennial grass for dry, sandy, and rocky soil. It roots deeply and forms a dense short tuft, suitable for lawns and pleasure-grounds. Sow about 30 pounds per acre. Bushel weighs 14 pounds.

ITALIAN RYE GRASS. An annual and should be sown every year at the rate of 50 pounds per acre. It can be sown during August, September, or October. Bushel weighs 14 pounds.

ENGLISH RYE GRASS (*Lolium perenne*). This makes a quick growth very early in the spring, and is adapted for cool, moist locations. 60 pounds to the acre. Bushel weighs 14 pounds.

GRASS MIXTURE

for Hay and Permanent Pastures

Prepared especially to meet the demands for a mixture that will be desirable for cutting for hay or to use for pasture, and contains such grasses as are best adapted for these purposes. In ordering please state whether you want a mixture for upland or low ground.

Mixture for Upland. Bushel weighs 14 pounds. Sow 3 bushels to the acre. Bus. $2.25; 10 bus. $20.

Mixture for Lowland. Bushel weighs 14 pounds. Sow 3 bushels to the acre. Bus. $2.25; 10 bus. $20.

Chewing's Fescue. A hardy grass producing very fine dark green leaves. It is permanent and will grow on all types of soil.

Rhode Island Bent (*Agrostis canina*). A hardy perennial grass.

Rough-Stalked Meadow Grass (*Poa trivialis*). Does fine on rich, moist soils and in shady places. It is a perennial.

Ask for Quantity Prices on any of the above

See Inside Front Cover for Lawn Grass and Fertilizer.

CLOVER SEEDS

Red, Recleaned. We take great pains to supply an extra quality of Red Clover at a reasonable price. Farmers should not sow a poor quality of Clover seed.

Alsike or **Swedish.** Hardiest of all the Clovers, and on rich, moist soils yields an enormous quantity of hay or pasturage.

White Sweet. (A real soil-builder.) Will grow on almost any kind of soil, provided it is limed and inoculated. The better the soil, the larger the crop. Sow in fall, in August, or early in spring, at the rate of 15 to 20 pounds per acre. Ask for prices.

White Dutch. Thrives almost everywhere. The best to sow with lawn grass, and valuable to sow with Blue Grass for permanent pastures. ¼lb. 15 cts.; ½lb. 25 cts.; lb. 45 cts.; 10 lbs., by Express, not prepaid, $4.25.

Alfalfa or **Lucerne.** One of the most valuable of Clovers, resisting drought and remaining green when other sorts are dried up. Prepare the land thoroughly and sow, either fall or spring, 20 pounds to the acre.

Crimson. (The Great Nitrogen Gatherer.) For hay it must be cut before it comes into full bloom, as otherwise it may cause hair-balls to form in the animal's stomach. Used on poor and rich land. It is seeded in this country in June, July, August, September, and October. Sow 15 pounds to the acre.

Lespedeza sericea. The perennial Lespedeza, sometimes called Alfalfa Lespedeza, as it remains in the land for several years, producing crops each year. Ask for prices.

Korean Lespedeza. (An Improved Japan Clover.) An annual Clover, but will reproduce itself the following year if allowed to go to seed. Will grow on any land, if not too swampy. Does not need lime. Makes poor land richer and good land better. Produces fine crops of hay, but can be cut only once in this climate. Ask for prices.

PLANTS, ROOTS, and TREES

FROST-PROOF CABBAGE PLANTS

Will mature heads two to three weeks earlier than your home-grown plants

Early Jersey Wakefield, Charleston Wakefield, Succession, and **Early Flat Dutch. (Copenhagen Market** ready about April 1.)

These plants are grown in the open field during the fall and winter months, which causes them to make a slow, tough, hardy growth—so hardy that the outer leaves turn to a reddish brown. They can safely be shipped to distant points and should be planted in the open ground from four to five weeks earlier than frame plants.

They will stand a temperature of 10 to 15 degrees above zero without injury. Will do very much better planted early, as they will take root and start to grow as soon as warm weather sets in.

Orders filled from December 1 until May 1. We do not advise planting later than this time.

Prices by Parcel Post, postage paid. In lots of 100 to 300 plants, 45 cts. per 100; $1.50 for 500; 1,000 or more, $2.25 per 1,000.

Orders are filled by the 100, not 250 or 350. These prices are for even quantities of one variety to package; if you order 200 of one variety and 300 of another variety you would pay at the 100 rate.

Prices by Express (buyer paying Express charges), in lots of 1,000 to 4,000 plants, $1.25 per 1,000; 5,000 or more at $1 per 1,000. Plants packed for Express shipment, 1,000 or 2,000 plants of a variety to package, weigh about 25 pounds per 1,000.

TERMS, CASH WITH ORDER, PLEASE
No plants shipped C. O. D.

Strawberry Plants

Early spring, about March or April, is the most logical time (for Maryland) to transplant Strawberry Plants. They will grow in light sandy soil and heavy clay soil, responding readily to fertile and well-drained soils. Give plenty of moisture when fruiting.

Stable or barnyard manure will help them to give best results. When plants arrive, if dry, dip in water, allowing to "plump up," before setting out. Plant in rows, 3½ to 4 feet apart, with plants set 15 to 24 inches apart in the row. In winter cover with straw, and in early spring remove from plants and allow it to remain on ground as a mulch.

We offer the following best and standard sorts:

Dorsett. *New.* Early. Vigorous and productive. Medium light in color and retains its lightness. $1 for 50; $1.65 per 100.

Fairfax. *New.* Early. Productive and vigorous. Medium dark, turning darker, almost to purple before wilting. $1 for 50; $1.65 per 100.

Premier. Early. One of the best for any soil. 75 cts. for 50; $1.25 per 100.

Big Joe. Midseason. Large and vigorous. 75 cts. for 50; $1.25 per 100.

Chesapeake. Late. Especially good for home and market. 75 cts. for 50; $1.25 per 100.

Mastodon. Everbearing. Supreme among the Everbearing berries. 80 cts. for 50; $1.50 per 100.

Add 10 cts. per 100 for postage

Strawberries

GERMACO HOTKAPS

Besides protecting the plant from the elements and from insects, "Hotkaps" are worth their cost alone because they aid in maturing crops earlier. That is the all-important thing to the grower, for it means that he can be first to market and so command a better price for his crop.

PRICES

100 Hotkaps and Garden Setter and Tamper	$2 40
250 Hotkaps and Garden Setter and Tamper	3 65
1,000 Hotkaps only	9 75
5,000 Hotkaps only, per 1,000	9 65
10,000 Hotkaps only, per 1,000	9 55
Steel Hotkap Setter and Tamper, set	1 50
Garden Setter (paper), each	50
Steel Tamper, each	25

ASPARAGUS ROOTS

A saving of one to two years is effected by planting roots. A bed 12 by 40 feet, requiring about 100 roots, should give a sufficient supply for an ordinary family; 8,000 roots will plant an acre. Select good, loamy soil, plow deeply, put in a good quantity of manure and 100 pounds Kainit to 1,000 square feet of bed. Incorporate thoroughly, make a trench 8 inches deep, and set plants 15 inches apart. In field-culture, rows are placed 4 feet apart.

Mary Washington. (Rustproof.) By far the best. Early and vigorous. Firm and tender roots, richly flavored. $1.25 per 100; $9.50 per 1,000. Postage, 10 cts. per 100, extra.

RHUBARB ROOTS

Set in the spring, Rhubarb Roots will give delicious stalks the following spring. When setting the roots, place crowns 2 inches under the soil and set 3 by 4 feet apart. Give a liberal dressing of manure each spring. If possible, plant where soil is continuously moist. 15 cts. each; $1.50 per doz. Postage, on one to three roots, 10 cts., extra.

BLACKBERRIES

Eldorado. 15 cts. each; $1 per doz. If by mail, add 10 cts. each.

Snyder. Very hardy. 15 cts. each; $1 per doz. If by mail, add 10 cts. each.

CURRANTS

Fay's Prolific. 40 cts. each; $4 per doz. If by mail, add 10 cts. each.

RASPBERRIES

St. Regis. (Red.) Everbearing.
Cumberland. (Black.)

15 cts. each; $1 per doz. If by mail, add 10 cts. each

FRUIT TREES

2 Years Old

Apples.
- Yellow Transparent. July.
- Gravenstein. September to October.
- Summer Rambo. September to October.
- Stayman's Winesap. Winter.
- Red Delicious. Fall.
- Grimes Golden. Fall.
- Jonathan. Fall.
- York Imperial. Winter.

All Apples, $1 each

Crabapples (Hyslop). 90 cts. each.
Cherry. Leading varieties. $1 each.
Pears.
- Bartlett. Summer.
- Kieffer. Winter.
- Seckel. Autumn.

All Pears, $1 each

Peaches.
- Elberta. Yellow. Freestone.
- Georgia Belle. White. Freestone.
- J. H. Hale. Yellow. Freestone.

All Peaches, 60 cts. each

Plums and **Shropshire Damson.** 75 cts. each.
Quince. 85 cts. each.

GRAPES

2 Years Old

Concord (Blue).
Niagara (White).
Caco (Wine-red).

All Grapes, 30 cts. each; by mail, add 10 cts.

GATOR-HIDE MULCH PAPER

One of the toughest, strongest, most durable Papers made. It is impregnated by a special process with a particular grade of asphaltum which has no harmful effect on soil or plant-life.

Unrolled over the proposed plant-beds, and anchored by soil or other available material along the edges, Gator-Hide Mulch Paper imprisons all the moisture in the soil. Its black surface catches and retains the sun's heat. This raises the soil's temperature, prevents cooling at night, and promotes continuous bacterial activity, liberating, night and day, nitrous food matter for the plant, producing bigger, better, and earlier crops.

Planting is done through holes made in the paper, or in the space between two strips of paper rolled out close together. Thus, while ample space is provided for the plant, no space is left for weeds, and the nourishment they ordinarily steal from the soil is conserved for the crops you plant.

Type A.	
18 in. wide. 300 linear yards to roll	$1 50
36 in. wide. 300 linear yards to roll	3 00
Type B.	
18 in. wide. 150 linear yards to roll	1 50
36 in. wide. 150 linear yards to roll	3 00
Garden Package	50

Fertilizers for Farm, Lawn, and Garden

G. & T. CO.'S GARDEN FERTILIZER. A complete Fertilizer for flowers, shrubbery, vegetables, fruits, etc. Recommended strongly as the best for all-round work in the garden. Use at the rate of 1 pound to 50 square feet. 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. $1.25; 50 lbs. $2; 100 lbs. $3.50.

ACID PHOSPHATE, High Grade. Bags (167 lbs.) $2.

ALUMINUM SULPHATE. Especially good for rhododendrons and azaleas, or where an acid condition of the soil is desired. Lb. 10 cts.; 5 lbs. 30 cts.; 10 lbs. 50 cts.; 100 lbs. $3.75.

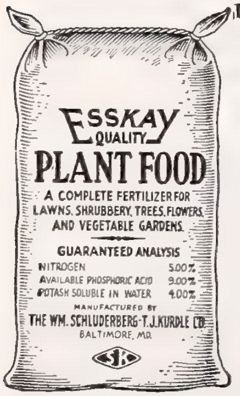
BLOOD, Dried. Fine for greenhouse potted plants, etc. Must be used sparingly and carefully. 5 lbs. 40 cts.; 10 lbs. 75 cts.; 25 lbs. $1.50; 50 lbs. $2.25; 100 lbs. $4.

BONE, Soft, Ground. The old standby. Made from softer material than the regular ground bone. Contains some meat and blood. Fine for lawns, roses, shrubbery, and flowers. 5 lbs. 25 cts.; 10 lbs. 45 cts.; 25 lbs. $1; 50 lbs. $1.50; 100-lb. bag $2.50; 167-lb. bag $4.

BONEMEAL, Pure. Good for lawns, shrubbery, etc. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. $1.25; 50 lbs. $1.75; 100 lbs. $2.50; 167-lb. bag $4.10.

COTTONSEED MEAL. 100 lbs. $2.50.

COW-MANURE (BOVUNG). Dried fertilizer prepared and put up expressly for use on flower-beds, lawn, and garden. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. $1; 50 lbs. $1.75; 100 lbs. $3.


ESSKAY
QUALITY
PLANT FOOD
A COMPLETE FERTILIZER FOR LAWNS, SHRUBBERY, TREES, FLOWERS AND VEGETABLE GARDENS
GUARANTEED ANALYSIS
NITROGEN 5.00%
AVAILABLE PHOSPHORIC ACID 9.00%
POTASH SOLUBLE IN WATER 4.00%
MANUFACTURED BY
THE WM. SCHLUDERBERG-T.J.KURDLE CO.
BALTIMORE, MD.
SK

ESSKAY QUALITY PLANT-FOOD. A complete organic fertilizer consisting of blood, bonemeal, tankage, and potash scientifically blended to produce the best results in growing flowers, lawns, vegetables, trees and shrubs. It is economical, non-burning, and pleasant to use. Builds up the soil and leaves no acid residue. Approved and recommended by florists, nurserymen, and gardeners everywhere. 2-lb. bag 23 cts.; 10-lb. bag 70 cts.; 25-lb. bag $1.38; 50-lb. bag $2.20; 100-lb. bag $3.25.

HYPER-HUMUS. Fine for use on lawns, under shrubbery, and on flower beds. It conserves moisture, puts organic matter in the soil and cultivates bacteria. 100-lb. bag $2; 500 lbs. $8.75; 1,000 lbs. $15.

KAINIT. Lb. 5 cts.; 10 lbs. 40 cts.

LEAF-MOLD. Fine for mulching rhododendrons and azaleas. For window-boxes and sowing flower seeds, mix with good top-soil. Pk. 50 cts.; ½bus. 90 cts.; bus. $1.50; in 5-bus. lots, $1 per bus.

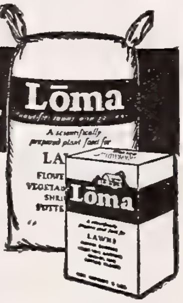
LIME, HYDRATED. For sweetening soils and improving the mechanical condition of the soil. It is indispensable for the growth of all clovers, alfalfa, and lawn grasses. 10 lbs. 20 cts.; 50-lb. bag 50 cts. Special prices on larger quantities.

G. & T. CO.'S GRASS FERTILIZER. A well-balanced Fertilizer that will keep your lawn in a healthy condition. For making new lawns, use 100 pounds for every 2,000 square feet; for renovating old lawns, 100 pounds for every 4,000 square feet, mixed with several times its bulk of topsoil. 5 lbs. 35 cts.; 10 lbs. 60 cts.; 25 lbs. $1.25; 50 lbs. $2; 100 lbs. $3.50.

ADCO. An artificial manure, in powder form, which, when mixed with almost any non-woody vegetable waste, such as straw, leaves, or weeds, and kept moist, gradually converts the mass into real manure. Arrange the refuse in layers, saturating each layer thoroughly with water, and then sprinkle with Adco in the proportion of 1 pound to 25 pounds refuse, when dry. 25 lbs. (enough for 12 large wheelbarrow loads of garden waste, making ½ ton manure) $2. 150 lbs. (enough for a bed 10 x 10 ft. deep and 6 ft. high, making about 3 tons manure) $10.50.

LAND PLASTER. Bag (200 lbs.) $2.25.

Lōma



1-lb. can	15 cts.
5-lb. can	45 cts.
10-lb. bag	85 cts.
25-lb. bag	$1 50
50-lb. bag	2 50
100-lb. bag	4 00

MURIATE OF POTASH. Lb. 10 cts.; 10 lbs. 50 cts.

NITRATE OF SODA. A great stimulant. Used for top-dressing lawns. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. $1; 50 lbs. $1.75; 100 lbs. $2.75.

IMPORTED GRANULATED
PEAT MOSS
TORF MULL

PEAT MOSS, Imported Granulated. Fine for garden mulch, as it conserves moisture. When incorporated in the soil, it promotes growth and supplies humus, which is very essential for growing plants. Used in connection with fertilizers, flowers and plants should grow very luxuriantly. 5 lbs. 30 cts.; 25 lbs. $1; ½bale $1.50; bale $2.25. Large bales containing about 10 cubic feet, approximate weight, 150 to 180 lbs.

PEERLESS FERTILIZER. Fine for spring and summer crops, peas, beans, corn, etc. Bag (167 lbs.) $2.50.

POTATO FERTILIZER, Special. Made especially for potatoes and tomatoes, being high in potash and phosphoric acid. Bag (167 lbs.) $3.

POTTING SOIL. For window-boxes and starting cuttings. Pk. 30 cts.; ½bus. 60 cts.; bus. $1.

RELIABLE CROP GROWER. For wheat, grass, corn, and tomatoes. Bag (167 lbs.) $2.75.

TRUCKER'S SPECIAL. A high-grade complete mixture, for trucker's use in growing vegetables. Bag (167 lbs.) $3.

G. & T. CO.'S ROSE FOOD. A fertilizer specially prepared for the proper growth of roses and for the eradication and control of root-pests. Use a trowelful, thoroughly mixed with the soil, before setting out new bushes and apply a liberal dusting in the early spring and late fall. 5 lbs. 50 cts.; 10 lbs. 85 cts.; 25 lbs. $1.50; 50 lbs. $2.50; 100 lbs. $4.

SHEEP MANURE, Pulverized. This has no rival as a fertilizer. Valuable in a rundown city garden, as it adds humus and vegetable matter which are essential for all vegetation. It may also be used at the rate of 40 to 50 pounds to every 1,000 square feet in a dry form, or 500 to 1,000 pounds per acre. Makes the richest and safest liquid manure, using 1 pound to 5 gallons of water once a week. For greenhouse plants mix 1 part to about 10 parts of soil. 5 lbs. 25 cts.; 10 lbs. 45 cts.; 25 lbs. 85 cts.; 50 lbs. $1.25; 100 lbs. $2. Special price on ½ton, ton, and carload lots.

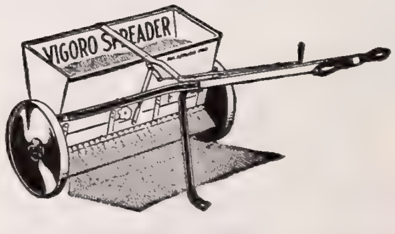
SOIL·PREP
THE NEW SCIENTIFIC SOIL CONDITIONER

SOIL-PREP. A scientific soil-conditioner, rich in humus and plant-food value. Will texturize light sandy and heavy clay soils. 5-lb. bag 30 cts.; 10-lb. bag 50 cts.; 25-lb. bag $1; 50-lb. bag $1.75; 100-lb. bag $2.50.

SULPHATE OF AMMONIA. Used for same purpose as Nitrate of Soda, but slower and stronger. 5 lbs. 30 cts.; 10 lbs. 50 cts.; 25 lbs. $1; 50 lbs. $1.75; 100 lbs. $2.75. Ask for price in ton lots.

VIGORO
The SQUARE MEAL that assures rich
BEAUTY *in Lawns and Flowers*

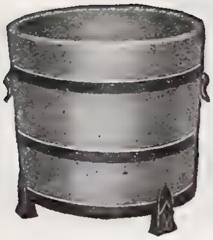
VIGORO. Nourishes plants properly because it is the complete plant-food, containing all of the elements that scientists have proved plants must get from the soil. Use at the rate of 1 pound to 50 square feet. 12-oz. pkg. 10 cts.; 5-lb. pkg. 45 cts.; 10-lb. bag 85 cts.; 25-lb. bag $1.50; 50-lb. bag $2.50; 100-lb. bag $4.



VIGORO SPREADER, NEW. Use a Vigoro Spreader for results.

Little Vigoro. 14-in.	$1 20
Model B Vigoro. 14-in.	2 70
Junior Vigoro. 16-in.	5 60
Standard Vigoro. 24-in.	10 55
Special Vigoro. 36-in.	17 25

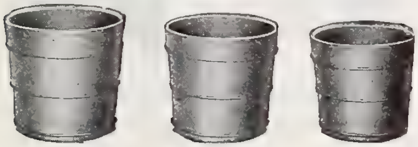
Garden and Greenhouse Equipment



U. S. Plant Tubs

These Plant Tubs are made from best-grade cedar, with strong iron handles and feet. Just the thing for palms, rubber plants, etc. Painted green, with black trimmings.

	Outside top diam.	Depth	Each
No. 1	12 in.	10¾ in.	$2 00
No. 2	13 in.	12¾ in.	2 70
No. 3	14½ in.	14¾ in.	3 10
No. 3½	16½ in.	15¾ in.	4 00
No. 4	19⅞ in.	16⅝ in.	4 40
No. 5	22⅞ in.	18½ in.	5 75



Cedar Plant Tubs

RICHMOND STYLE

The Richmond style fills a long-felt want for a cheap type of Plant Tub, and is being used by many large florists in place of earthen pots. They are nicely painted with the best oil paints—a handsome green color inside and out. Tops of the staves are slightly beveled, which gives them a neat, trim finish.

	Inside top diam. Inches	Inside bot. diam. Inches	Inside depth Inches	Thickness of stave Inches	Each
No. 3	8	6	8	⅜	$0 50
No. 4	9	7	9	⅜	55
No. 5	10	7½	9	7/16	60
No. 6	11	8½	10	½	85
No. 7	12	9	11	½	90
No. 8	13	10	12	½	1 20
No. 9	14	11	13	⅝	1 35
No. 10	15	11½	14	⅝	1 65
No. 11	16	12½	15	⅝	1 80

Imported Granulated Peat Moss for Gardens

Fine for garden mulch as it conserves moisture. When incorporated in the soil, it promotes growth and supplies humus, which is very essential for growing plants. When used in connection with fertilizers, flowers and plants should grow very luxuriantly. Large bales containing about 12 cubic feet weigh approximately 150 to 180 pounds. 5 lbs. 30 cts.; 25 lbs. $1; ½bale $1.50; bale $2.25.

SPHAGNUM MOSS. For packing orchids, plants, etc. Bale $2.75.

"Plantray"

Rubber flower-pot saucers. Protects surfaces from dampness, ring-marks, and preserves pottery. 4-in., 15 cts. each; 6-in., 25 cts.; 10-in., 50 cts.

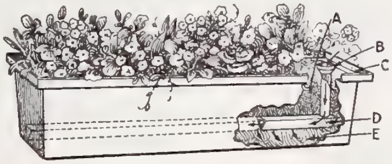
FULTON'S Plantabbs

Grow Flowers and Potted Plants!

If you feed your potted plants, flowers, and vegetables on Plantabbs each week or ten days they'll grow lots better than any fertilizer will make them grow. Plantabbs are a complete food in odorless tablet form—guaranteed to contain 11 per cent nitrogen (ammonia), 15 per cent phosphoric acid and 20 per cent potash.

Include them in your next order.

30 tablets	$0 25	200 tablets	$1 00
75 tablets	50	1000 tablets	3 50



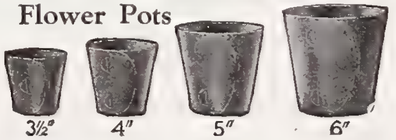
Galvanized Plant Boxes

GREEN FINISH

Sub-irrigating device insures uniform distribution of water and air throughout the entire length of box. Best results obtained by putting gravel, charcoal, moss, or something of the kind in bottom of box up level with top of horizontal water conductor. Then fill with rich earth. Water through upright tube.

24 x 8½ x 7¼ in.	$1 25
30 x 8½ x 7¼ in.	1 40
36 x 8½ x 6¼ in.	1 75

Bird's Red Improved Neponset Flower Pots



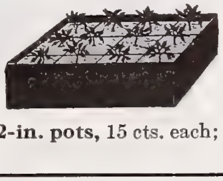
These Improved Flower Pots are now ready for the truck gardener, the florist—every grower of plants on a large or small scale. A month of testing under actual growing conditions has proved that these Pots can be used successfully when seedlings are to be carried from six to eight weeks.

	Doz.	100	1000
2¼-in.	$0 08	$0 50	$3 80
2½-in.	10	60	4 10
3 -in.	15	70	5 10
3½-in.	20	85	6 60
4 -in.	25	1 00	8 00
5 -in.	30	1 50	10 50
6 -in.	40	1 85	14 00

These sizes carried in stock.
Packed 500 to case on special order.

B-B Waterproofed Seed Flats

Each containing a dozen 2-inch pots. Start your flowers indoors, this modern way, and have earlier and better flowers.



One flat and 1 doz. 2-in. pots, 15 cts. each; 2 for 25 cts.

Earthenware Flower Pots and Saucers

Pots

Size	Each	Doz.	100
2-in.	$0 02½	$0 20	$1 25
2½-in.	03	25	1 65
3-in.	04	30	2 00
4-in.	05	45	3 00
5-in.	07	75	5 25
6-in.	10	1 10	7 50
7-in.	18	1 75	
8-in.	27	2 75	
9-in.	40	3 75	
10-in.	50	5 00	
12-in.	90	9 50	
14-in.	1 60	16 00	
16-in.	3 00		

BULB PANS and AZALEA PANS. 4- to 12-in., same prices as above.

Saucers

Size	Each	Doz.	Size	Each	Doz.
4-in.	$0 04	$0 40	9-in.	$0 15	$1 50
5-in.	06	50	10-in.	18	1 75
6-in.	07	65	12-in.	30	3 00
7-in.	10	1 00	14-in.	40	4 00
8-in.	12	1 25	16-in.	85	

STIM-U-PLANT

PLANT STIMULANT TABLET

Makes **repotting** of house plants **unnecessary,** as it replaces the food withdrawn by the growing plants.

Because of its ready solubility, **STIM-U-PLANT** can easily be used as a liquid manure, by dissolving the tablets in water at the rate of four to the gallon.

Small size (30 tablets)	$0 25
Large size (100 tablets)	75

Nico-Fume Tobacco Powder

A Tobacco Powder impregnated with a high-strength nicotine solution. Effective for fumigating in greenhouses to destroy aphis, thrips, etc.

Fill an ordinary 2½-inch flower pot heaping full of Nico-Fume Powder (equal to about 3 heaping tablespoonfuls). Pour the Powder on the bare ground or cement walk in a narrow pile about 7 inches long.

5 lbs.	$3 35	10 lbs.	$5 85

¾-lb. Pressure Fumigator	$0 45
1-lb. Pressure Fumigator	75

Nico-Fume

A Tobacco Paper insecticide for fumigating greenhouses. Extensively used by prominent florists. Very easy to apply. Directions on each package.

24 sheets	$1 25	144 sheets	$4 50
		288 sheets	8 00

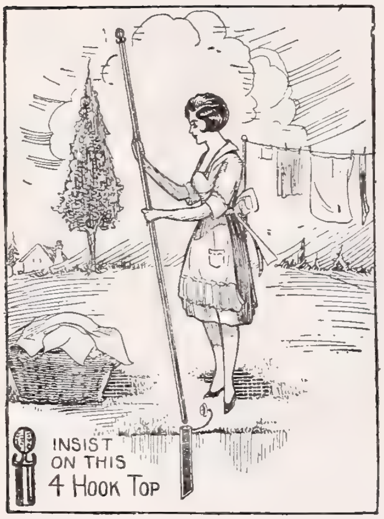
Tobacco Dust

5 lbs. 25 cts.; 25 lbs. $1; 100 lbs. $4.

Tobacco Stems

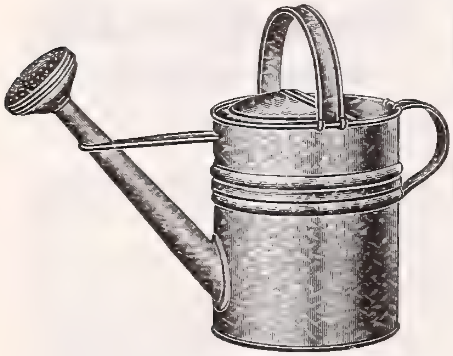
50-lb. bale at 4 cts. per lb.

Garden and Greenhouse Equipment



Removable Steel Clothes-Line Post

Complete with base ....$2.75 each



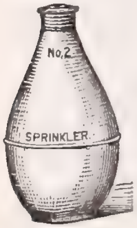
Iron-Clad Watering Pots

4-qt.	$0 65	10-qt.	$1 00
6-qt.	80	12-qt.	1 20
8-qt.	90	16-qt.	1 50

Wotherspoon Watering Pots

These pots are made from the best grade of galvanized iron, and are very heavy and strong. The long spout makes them very desirable for greenhouse and flower-bed use. Each can is equipped with a fine and coarse nozzle, with copper perforation.

4-qt.	$4 50	10-qt.	$5 60
6-qt.	4 80	12-qt.	6 10
8-qt.	5 25		



Plant Sprinklers

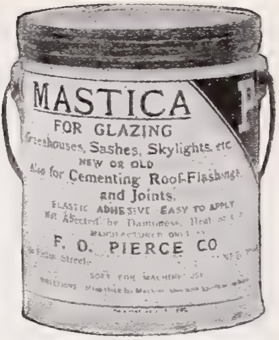
For sprinkling cut-flowers, seedlings, plants, clothes, etc.

No. C-1. Standard 12-oz. Sprinkler........$1 00

No. B-2. Spray Bulb, Water or Powder.... 50

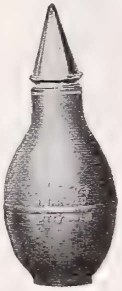
We do not guarantee rubber goods. (Weight, 1 lb.)

Mastica


MASTICA
FOR GLAZING
Greenhouses, Sashes, Skylights, etc
NEW OR OLD
Also for Cementing Roof-Flashings and Joints.
ELASTIC ADHESIVE EASY TO APPLY
F. O. PIERCE CO

For glazing greenhouses, sashes, new and old. It is elastic, adhesive, and easily applied; not affected by dampness, heat, or cold. In a few hours it forms a skin or film on the entire mass, hermetically sealing the substance and preventing the evaporation of the liquids, which causes it to remain in a soft, pliable and elastic condition for years. Mastica is of great value in going over old houses with a putty bulb or machine on the outside of sash, as it makes it perfectly tight and saves the expense of relaying the glass.

1-gal. can....................$2.25 each



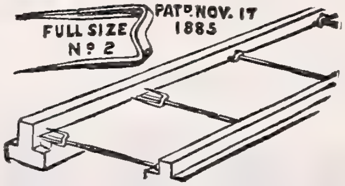
Mastica Glazing Machine

Our special price, $2.75.

Putty Bulb

This Improved Putty Bulb is made from a good grade of rubber. Will be found very handy for glazing greenhouses, new or old. $1.50 each.

We do not guarantee rubber goods. Parcel Post weight, 1 lb.

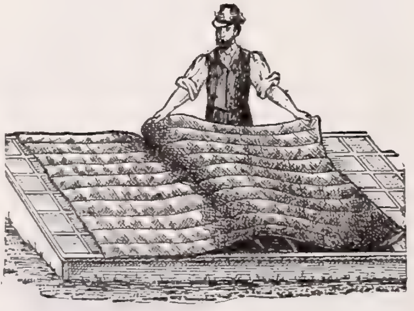


Peerless Glazing Points

Improved Van Reyper. The finest Glazing Points on the market. The glass cannot slip. Quickly and easily put in with special pincers. No "rights" or "lefts" to bother with. (Weight 2 lbs.)

Box (1,000)	$0 75
Pincers, per pair	85

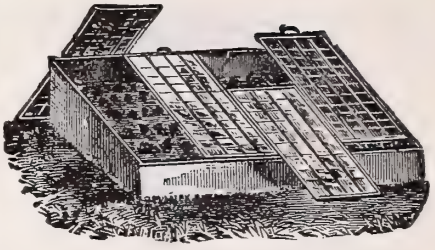
Burlap Hotbed Mats



Made of strong burlap, interlined.

40 x 76-in.....$1 65 | 76 x 76-in.....$2 75

Special prices on dozen lots.

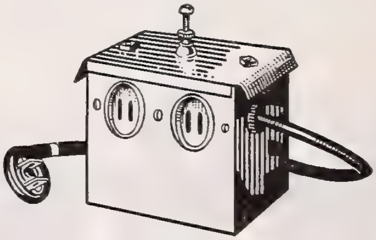


Unglazed Hotbed Sash

3 ft. 2 in. x 6 ft., $1.85 each.

Hotbed Glass

Price on application.

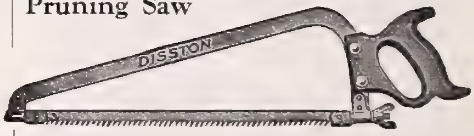


Electric Hotbed Heater

Thermostat has the correct lag for efficient operation. One Thermostat will control 2 heaters.

Model B-47. Thermostat only. (Weight 4 lbs.)	$5 00
Model B-48. 60-ft. heater wire. (Weight 7 lbs.)	4 00
Complete unit, sufficient for 2 hotbed boxes	9 00

Pruning Saw



No. 16. 14-in.	$2 00
Extra Blades	35

Pruning Saw

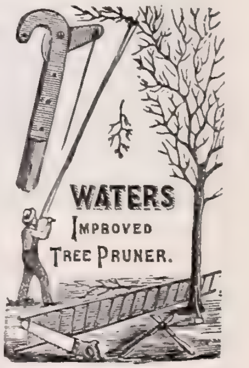
No. 3 Saws	Each	No. 1 Saws	Each
16-in., double	$1 65	16-in., single	$1 60
18-in., double	1 80	18-in., single	1 75
20-in., double	1 90	20-in., single	1 85

Grafting Wax

¼lb. 15 cts.; ½lb. 30 cts.; lb. 50 cts.

Waters' Tree Pruners

	Each
4-ft.	$1 50
6-ft.	1 60
8-ft.	1 80
10-ft.	2 00
12-ft.	2 20
14-ft.	2 40
Extra knives.	20



Telegraph Tree Pruners

Without pole, $1.50.

Lineman Tree Pruner No. 2, $4.

Florist and Garden Supplies

Pot and Tree Labels

Painted.	25	100	500	1000
4 x ⅝-in.	$0 10	$0 30	$1 15	$1 90
5 x ⅝-in.	12	35	1 25	2 10
6 x ⅞-in.	15	40	1 50	2 30

Garden Labels

Painted.	25	100	500	1000
8 x ⅞-in.	$0 25	$0 75	$3 00	$4 50
12 x 1⅛-in.	35	1 00	4 50	8 20

Plain Labels

	1000
4 x ⅝-in.	$1 50
5 x ⅝-in.	1 70
6 x ⅞-in.	1 90

Tree Labels

3½-in., iron wired. $1.70 per 1000.

3½-in., copper wired; painted. 12 cts. for 25; 35 cts. per 100; $1.20 for 500; $2.20 per 1000.

The Perfect Garden Label

BORDER SIZE

Any ordinary lead-pencil can be used to mark name of plant on horizontal marking space of this label. Set it in the ground near plant to be marked and set deep, so that only marking-space shows.

This marking will last for several years in any soil, or in any weather. Same can be erased for other use. Green in color, which makes them blend with foliage. $1 per doz.; $2 for 25.

Stakes

Heavy or Dahlia.	Each	Doz.	100
3-ft.	$0 12	$1 15	$8 60
4-ft.	15	1 55	11 40
5-ft.	20	2 25	14 60
6-ft.	25	2 50	17 90
Light Plant.			
1½-ft.	03	25	1 50
2-ft.	04	40	2 80
2½-ft.	06	60	4 10
3-ft.	08	75	5 40

Galvanized Steel.

	100 weigh	Doz.	100	1000
3-ft.	14 lbs.	$0 40	$2 00	$13 75
4-ft.	19 lbs.	50	2 50	18 55
5-ft.	24 lbs.	65	3 00	22 50

Cane Stakes.

	100	1000
5 to 7 ft.	1 25	10 00

Chinese Tonkin Bamboo Stakes

Plain (not painted). Used for staking small trees, dahlias, chrysanthemums, and outside stock.

	Diam.	Doz.	100
4-ft.	½ to ⅝-in.	$0 40	$3 00
5-ft.	⅝ to ¾-in.	50	4 00
6-ft.	⅝ to ¾-in.	60	4 50

Add 10 cts. per doz. for postage.

Japanese Light-Weight Bamboo Stakes

Dyed Green	Doz.	100	1000
2-ft.	$0 10	$0 45	$2 75
3-ft.	15	50	4 50
4-ft.	20	75	6 00

National Eezy Wear Garden Gloves

Made from specially imported hides processed to render them amazingly soft and pliable. Permit almost barehand freedom yet provide complete all-leather protection. Ideal for garden and similar uses. **Dirt-proof, Durable** and **Washable.** Four sizes: Small and Medium for women; Medium and Large for men. . .75 cts. per pair; 2 pairs $1.40.

Dennis Plant Stakes

(with rattan coil)

Better than wire as sun does not heat the coil and burn plant.

	Each	Doz.
3-ft.	$0 10	$1 00
4-ft.	12	1 20
5-ft.	15	1 50

Extra Rattan, 3 cts. per ft.

G. B. Vine Supports

For training ivy, rose bushes, and all other climbers on brick, cement, or wood surface, without defacing it . . . . . . Box of 25, $1 each

Adjusto Plant Support

A sturdy hardwood stake ⅞-inch square, 3, 4, or 5 feet long, with a strong wire support instantly adjustable to any height. Enables you to cultivate close to the plant. Adjusto-supported tomatoes ripen to perfection. Adjusto Supports bring out the full beauty of dahlias, chrysanthemums, and all the slender, tall-growing plants.

	Each	Doz.
3-ft.	$0 20	$2 10
4-ft.	22	2 40
5-ft.	25	2 70
Extra Wire Loops	10	1 20

Hole-in-One Bulb Planter

This handy tool makes the type of hole best suited to bulbs . . . . .50 cts. each

Thermometers

No. 3383. Cabinet. 6-in.; magnifying tube; black oxidized scale; white figures and graduation; brass screw clasps and guard; back oak finished, natural. Fine household Thermometer . . . . .50 cts. each

No. 3388. Cabinet. 8-in.; magnifying tube; black oxidized brass scale; white-filled figures; nickeled straps and guard; wood back, finished in birch . . . . . . .60 cts. each

No. 905. 10-in. japanned tin . . .30 cts. each

No. 7000. Tobacco Curing. 12-in. Best quality; tested . . . . .70 cts. each

No. 3391. Distance Reading. 8-in. An excellent Thermometer for greenhouses and for use where it is necessary to get a quick reading .25 cts. each

No. 3002. Incubator. May be used for a stand-up or reclining with proper holder. With holder . . . . .75 cts. each

No. 4001. Brooder. Round wood back. . . . . .50 cts. each

No. 4011. Brooder. For all brooders. Metal back . . . . .45 cts. each

No. 5316S. Temprite Window Thermometer, with hanger for outside of window or door; red spirit; large figures. Easy to read. . . . .$1 each

No. 5452. Self-Registering. Boxwood scale; black-filled figures; japanned tin case. 10-in. . . . .$8.50 each

No. 5981. Hotbed. 16-in.; wood frame, with handle; brass pointed ferrule; brass oxidized scale; white-filled figures and graduations . . . .$3 each

No. 5740. Standard Dairy. Stands boiling water; black oxidized brass scale; white-filled figures and graduations, range from 20 to 200 degrees . . . .$1 each

No. 201. Large Floating Glass Dairy. . . . . .35 cts. each

No. 7236. Milk Hydrometer. (Quevnne.) . . . .$1.50 each

No. 7240. Lime-Sulphur Hydrometer. . . . .$1.50 each

No. 7410. Lime-Sulphur Hydrometer, with test jar . . . .$2.25 each

If Thermometers are wanted by parcel post, add 10 cents for postage and packing.

Bird Baths

	Diam.	Height	Price
No. 2. Like cut	20-in.	23-in.	$4 50
No. 4. Plain	20-in.	24-in.	4 25
No. 6. Decorated	17-in.	23-in.	4 00

Luxor Decorated Cut-Flower Jar

No. 2. 7-in.	$0 40
9-in.	60
11-in.	80

Luxor Bulb Bowl

No. 1. 6½-in.	$0 20
No. 2. 8-in.	50
9-in.	60
No. 3. 7-in.	35

Lennox Hanging-Baskets

With Saucer attached, complete with Hanging Chain. 8-in. . . . . .60 cts. each
10-in . . . . .85 cts. each

House Numbers or Numeral Signs

Large, attractive white numbers for your house or lawn, that can be seen.

	Each
Numbers	$0 30
Stands	1 00
Stand, with Numbers. Complete	2 00

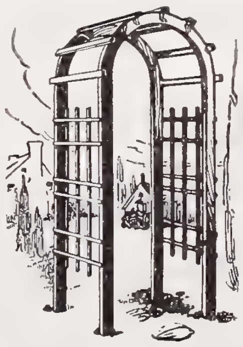
Rustic Bird-Houses

Scientifically constructed from genuine cedar to meet the habits and tendencies of the birds for which the houses are designed.

Wren House. Diam. 3½ in., height 5 in. . . . . .30 cts. each

Bluebird House. Diam. 5 in., height 10 in. . . . . .75 cts. each

Robin Roost. Depth 8 in., width 7 in., height 11½ in. . . . .$1.45 each



Trellis, Arbors, Pergolas

We have a full line of Pergolas, Arbors, and Fan Trellises, made of Tidewater red cypress.

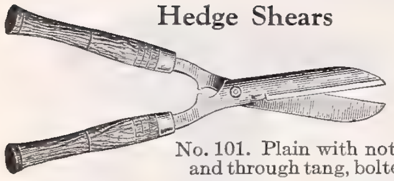
Will last for years.

Call and inspect.

No Freight or Express Shipments

Horticultural Tools

Hedge Shears



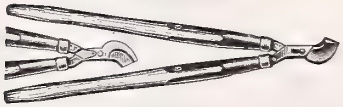
No. 101. Plain with notch and through tang, bolted.

Size	Price	Size	Price
6½-in.	$1 25	10-in.	$2 60
8-in.	2 20	12-in.	3 00
9-in.	2 40		

No. 101S. Serrated edge, with notch and through tang, bolted.

Size	Price	Size	Price
8-in.	$2 40	10-in.	$2 80
9-in.	2 60	12-in.	3 25

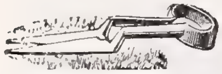
Lopping Shears



The Baltimore Draw Cut Shears are extra strong, and will cut large limbs with the least exertion.

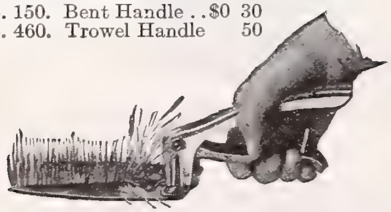
No. 5406 is light and strong and is very handy for light work. It will not tire you to handle it.

Item	Price
No. 5406. 20-in. handles	$1 75
24-in. handles	2 25
No. 5402. Baltimore Draw Cut, 24-in. handles	3 25
No. 5403. Baltimore Draw Cut, 22-in. handles	3 00
No. 5408. Forged Solid Tool-Steel Blade, 24-in. handles	2 50
No. 730. All-Alloy Steel Lopping Shear, 30-in. handles	3 00



Grass Shears

Item	Price
No. 150. Bent Handle	$0 30
No. 460. Trowel Handle	50

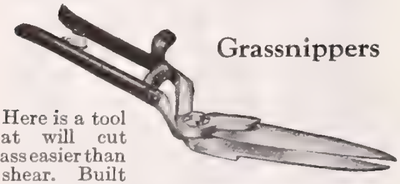


Doo-Klip Grass Shears

These Shears have a unique up-and-down action which supplies the blades with maximum cutting power. Always easy running, they prevent blisters, skinned knuckles, and grass stains, and allow the hand and arm to be used in a free and natural position.

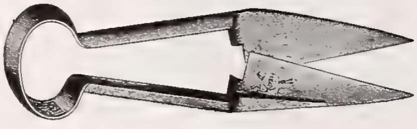
Item	Price
Doo-Klip Grass Shears	$1 50
Doo-Klip Pruners	1 25

Grassnippers



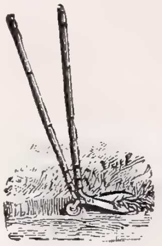
Here is a tool that will cut grass easier than a shear. Built like hair-cutters. Blades are forged steel, warranted. Handle is malleable, will not break.

Item	Price
No. 017. Green	$0 50
No. 227	1 60



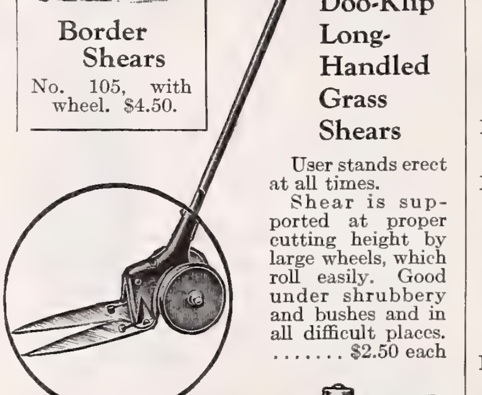
Sheep Shears

Item	Price
No. 055E. 5½-in. polished blades	$1 00
No. 012E. 5½-in. polished blades	1 50
No. 1914. 6-in. full-polished blades	1 75



Border Shears

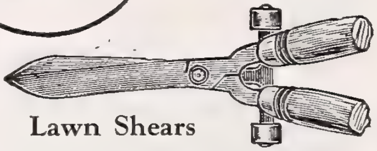
No. 105, with wheel. $4.50.



Doo-Klip Long-Handled Grass Shears

User stands erect at all times.

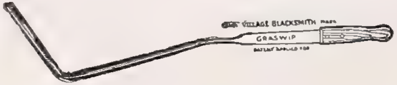
Shear is supported at proper cutting height by large wheels, which roll easily. Good under shrubbery and bushes and in all difficult places. .... $2.50 each



Lawn Shears

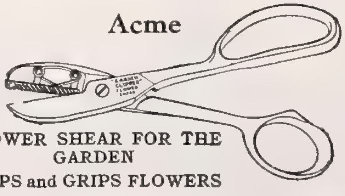
No. 1062. 2 wheels, 9-inch blade, for cutting on narrow borders, under fences and shrubs .... $4.50 each

Grasswip



No. 165. Made of forged tool steel and has two cutting edges. You swing it like a golf-stick and it cuts both ways on the forward and backward stroke .... $1 each

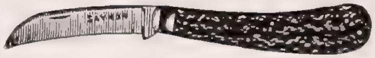
Acme



FLOWER SHEAR FOR THE GARDEN

SNIPS and GRIPS FLOWERS

No. 1248. **Flower Shear** .... 65 cts. each

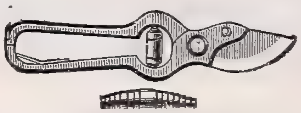


Pruning Knives

No. 1001. Cocoa handle .... $1 each

Budding Knives

Item	Price
White handle, 2 blades	$1 25
Barlow, 1 blade	50
Barlow Knife, 1 blade	45
2 blades	50
Vest-pocket Knife. 2 blades	60

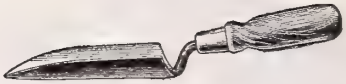


One-Hand Pruning Shears

Item	Price
No. 06. Volute Spring Pruner	$0 50
No. 10. Ladies' Small Pruner	50
No. 30. California Pattern Pruner. 9-in.	75
No. 150P. California Pattern. Full polish	1 25
No. 260. Double Flat Spring Pruner.	1 00
No. 119. Snap Cut. Outcuts all others	1 50
No. 118. Snap Cut Ladies' Pruner	1 25

(Weight, 1 lb.)

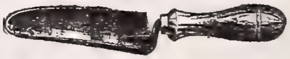
Garden Trowels



No. 212. American, 16-gauge tool steel, 6-in. blade. Handle will not come out in dry weather .... 30 cts. each

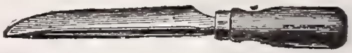
No. 213. American, 6-in. bright steel blade, plain handle .... 15 cts. each

English Pattern Steel Garden Trowel



No. 211. 6-in. blade .... 80 cts. each

Transplanting Trowel



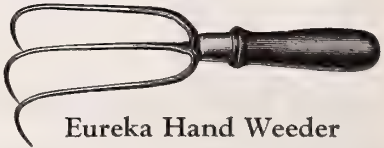
Item	Price
No. 217. 5-in. blade	$0 15
No. 217. 8-in. blade	30

Dandelion and Lawn Weeder

No. 250. 3-ft. handle; strong, durable, bent blade with sharp cutting edge. . 50 cts. each

Doo-Klip Weeder

The most practical Weeder. Can be operated standing. Eradicates plantain, dandelion, and other noxious weeds. . $1.95 each

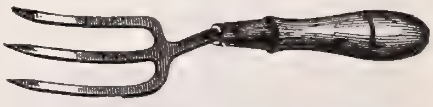


Eureka Hand Weeder

A very handy and useful Weeder.

Item	Price
No. E. Grip handle	$0 45
No. EL. 2-ft. handle	55

(Weight, 1 lb.)



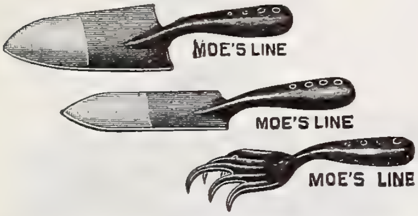
Large Hand Weeder

(Weight, 1 lb.)

Item	Price
No. 400. Hand Weeder, 4-prong	$0 30
No. G. Solid Steel Hand Weeder, 3-prong	50

Garden Tools

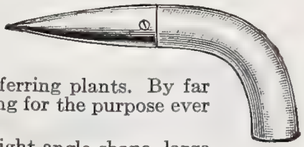
Moe's All-Steel Garden Trowels and Weeders



Heavy pressed steel, black enamel finish, with polished points. No loose wooden handles.

No. 80. Garden Trowel, 6-in. blade	$0 10
No. 81. Transplanting Trowel	10
No. 82. Garden Weeder	10

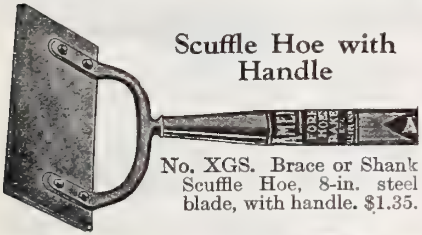
Dibbers



For transferring plants. By far the best thing for the purpose ever introduced.

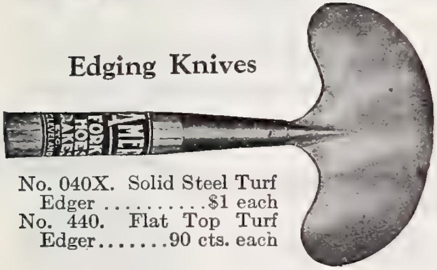
No. 218. Right-angle shape, large steel-polished, wood handle, 75 cts.

Scuffle Hoe with Handle



No. XGS. Brace or Shank Scuffle Hoe, 8-in. steel blade, with handle. $1.35.

Edging Knives



No. 040X. Solid Steel Turf Edger..........$1 each

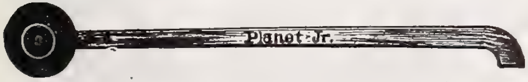
No. 440. Flat Top Turf Edger.......90 cts. each

Cotton Hoes

No. C75X. 7-in.; handled	$0 75
No. C85X. 8-in.; handled	85

Street Hoe

No. 12S. 12-in. blade; steel shank; 6-ft. handle..........................$2.10



Planet Jr. Lawn Edger

$1.50 each

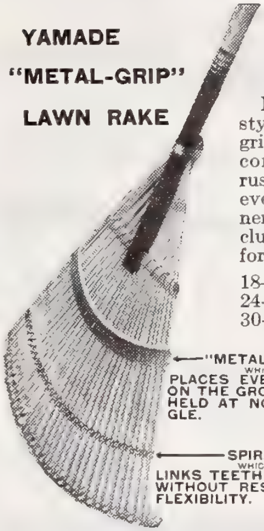
Wire Potato Scoop

$2.50 each

Steel Barley Fork

4-tine, $2.50 each

YAMADE "METAL-GRIP" LAWN RAKE



Note the new style with metal grip made of non-corrosive, never-rusting steel. Keeps every tooth permanently placed. Exclusive distributors for this style Rake.

18-in.	$0 60
24-in.	1 00
30-in.	1 50

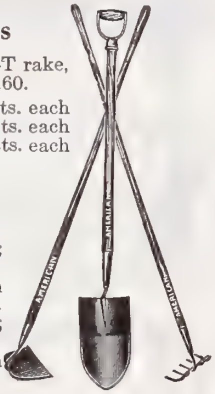
"METAL-GRIP" WHICH PLACES EVERY TOOTH ON THE GROUND WHEN HELD AT NORMAL ANGLE.

SPIRAL WHICH LINKS TEETH TOGETHER WITHOUT RESTRICTING FLEXIBILITY.

Garden Sets

No. 3FSX. 3-piece, 5-T rake, shovel and hoe. $1.60.

Shovel	75 cts. each
Rake	50 cts. each
Hoe	70 cts. each



Two-Hole Mortar Mixers

No. SM29. 9-in. blade; solid socket; 5½-ft. handle...$1.75 each

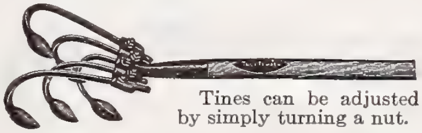
No. SM210. 10-in. blade; solid socket; 6-ft. handle.......$1.85 each

Dig-Easy Mattock Hoes

This is similar to Crescent Double-Bit Hoe.

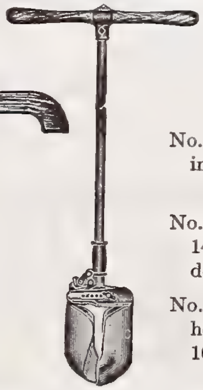
No. DE3. 1⅝-in. and 3-in. blade..$1.25 each

Invincible Garden Cultivators



Tines can be adjusted by simply turning a nut.

No. 1GC3. 3-shank	$0 90
No. 1GC5. 5-shank	1 20
Extra teeth	15

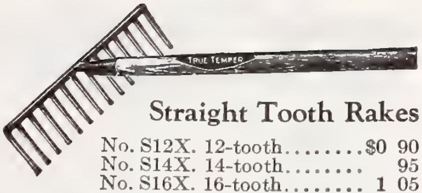


Standard Earth Augers

No. 5. Bores holes to 8 in. in diam., 3½ ft. deep....$5.00

No. 8. Bores 7 holes, 8 to 14 in. in diam., 3½ ft. deep.............$6.00

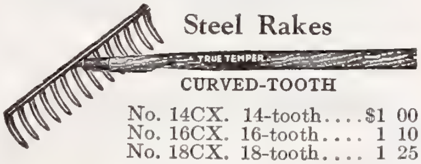
No. 16. Telescope. Bores holes 8 to 14 in. in diam., 10 ft. deep.......$14.00



Straight Tooth Rakes

No. S12X. 12-tooth	$0 90
No. S14X. 14-tooth	95
No. S16X. 16-tooth	1 05
No. S18X. 18-tooth	1 25
No. P12. 12-tooth, single shank	70
No. P14. 14-tooth, single shank	75
No. P16. 16-tooth, single shank	85

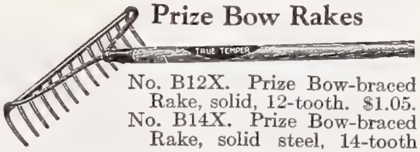
Steel Rakes



CURVED-TOOTH

No. 14CX. 14-tooth	$1 00
No. 16CX. 16-tooth	1 10
No. 18CX. 18-tooth	1 25

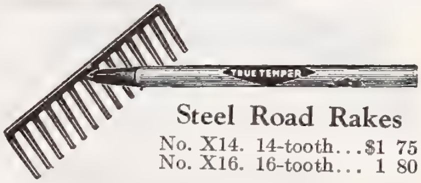
Prize Bow Rakes



No. B12X. Prize Bow-braced Rake, solid, 12-tooth. $1.05.

No. B14X. Prize Bow-braced Rake, solid steel, 14-tooth...............$1.10 each

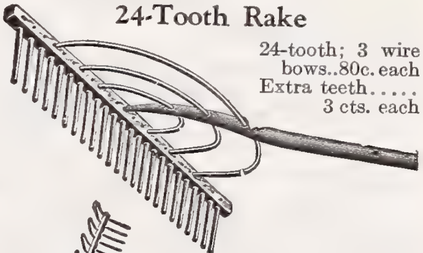
No. B16X. Solid, Bow-braced Rake, solid steel 16-tooth................$1.25 each



Steel Road Rakes

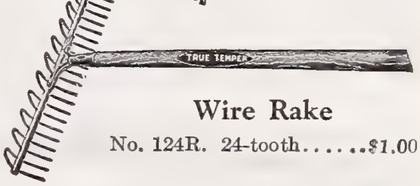
No. X14. 14-tooth	$1 75
No. X16. 16-tooth	1 80

24-Tooth Rake



24-tooth; 3 wire bows..80c. each

Extra teeth..... 3 cts. each



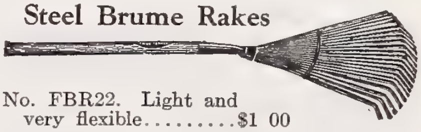
Wire Rake

No. 124R. 24-tooth......$1.00

Steel Asphalt Rake

No. 1014. 14-tooth; strap ferrule . $2.65 each

Steel Brume Rakes



No. FBR22. Light and very flexible	$1 00
No. FBR24. Straight design	$1 00
No. LC24. Lawn Comb	1 60

Farm and Garden Tools

Handles

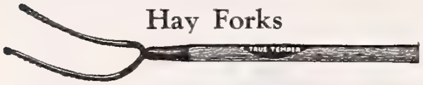
Manure Fork Handles with Strap Ferrule	
No. X. 4½ ft., with strap ferrule and cap	$0 50
No. X. Plain, 4½ ft.	30
Hay Fork Handles	
No. X. Plain, 6 ft.	50
No. X. Plain, 7 ft.	80
No. X. Plain, 8 ft.	1 20
Garden Hoe Handles	
No. X. Plain, 4 ft.	30
Eye Hoe Handles	
No. X. For Dig-Easy Hoe, 4½ ft., 2-in. butt	40
Shovel Handles (Plain)	
No. X. Long, 4½ ft.	50
No. X. D Handle	55
Rake Handles	
No. X. Plain, 5½ ft.	35

Tampers for Post, Sod, and Cement

With extra large wood handles, 2¼ inches in diameter.

No. 2. Round Tamper. 5-in. diam. (Weight, 15 lbs.)	$1 40
No. 5. Square Tamper. 6 x 6 in. (Weight, 12 lbs.)	1 25
No. 6. Square Tamper. 8 x 8 in. (Weight, 17 lbs.)	1 40
No. 7. Square Tamper. 10 x 10 in. (Weight, 20 lbs.)	1 75

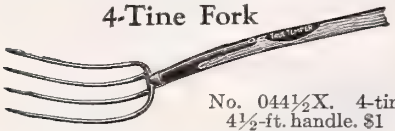
Hay Forks



STRAP FERRULE

No. 026X. 2-tine; 6-foot handle	$1 50
No. 036X. 3-tine; 6-foot handle	1 60
No. 037X. 3-tine; 7-foot handle	2 10
No. 038X. 3-tine; 8-foot handle	2 35

4-Tine Fork



No. 044½X. 4-tine; 4½-ft. handle.	$1 40
No. 054½X. 5-tine; long handle	1 55
No. 064½X. 6-tine; long handle	1 75

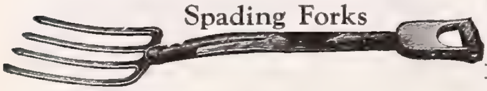
BATCHELOR FORK

No. 044. 4-tine; 4-foot handle	1 70

D-HANDLE MANURE FORKS

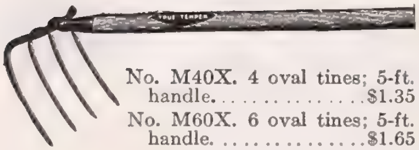
No. 04DX. D handle; 4-tine; regular	1 35
No. 05DX. D handle; 5-tine; regular	1 50
No. 06DX. D handle; 6-tine; regular	1 70
No. 151. D handle; 4-tine; heavy	2 65
No. 153. D handle; 4-tine; extra heavy	2 85
No. 157. D handle; 5-tine; extra heavy	3 70

Spading Forks



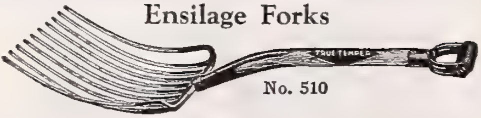
No. OHW. 4-tine; angular back	$1 75
No. OLD. Medium weight	1 25
No. JOW. Jumbo. 4 polished tines	2 40
No. B4D. Boys.' 4-tine	90

Manure Hooks



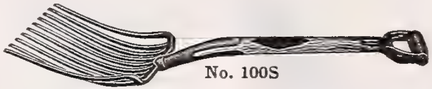
No. M40X. 4 oval tines; 5-ft. handle	$1.35
No. M60X. 6 oval tines; 5-ft. handle	$1.65

Ensilage Forks



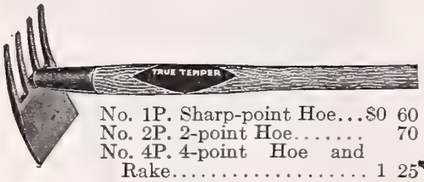
No. 510

No. 508. 8 16-in. tines; iron D handle	$2 85
No. 510. 10 17-in. tines; iron D handle	3 35



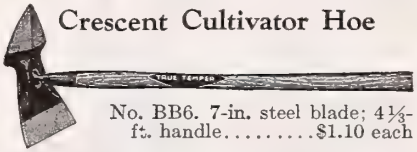
No. 100S

No. 100S. Stone Fork. 10-tine; D handle	$3 50
No. 102S. Stone Fork. 12-tine; D handle	4 00
No. 910. 10-tine; scoop shape; malleable D handle; strap ferrule	3 10
No. 912. 12-tine; scoop shape; malleable D handle; strap ferrule	3 75
No. 712. Coke Forks. 12-tine; D handle; strap ferrule	3 85



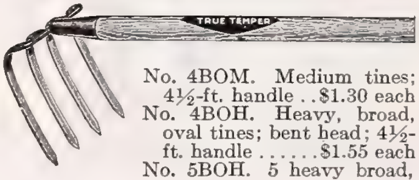
No. 1P. Sharp-point Hoe	$0 60
No. 2P. 2-point Hoe	70
No. 4P. 4-point Hoe and Rake	1 25

Crescent Cultivator Hoe



No. BB6. 7-in. steel blade; 4½-ft. handle.........$1.10 each

Potato Hooks

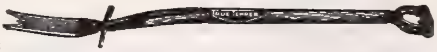


No. 4BOM. Medium tines; 4½-ft. handle ..$1.30 each

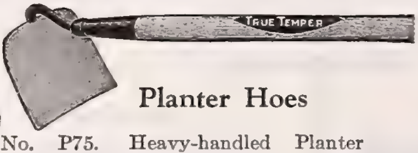
No. 4BOH. Heavy, broad, oval tines; bent head; 4½-ft. handle ......$1.55 each

No. 5BOH. 5 heavy broad, oval tines; bent head; 4½-ft. handle ....$1.75 each

Dock Diggers

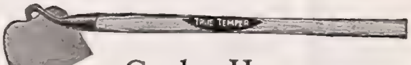


No. 39D. Square point	$1 75
No. 39A. V point	1 80



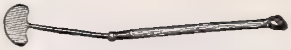
Planter Hoes

No. P75. Heavy-handled Planter Shank Hoe. 7-in. blade	$0 90
No. P8½-5. Heavy-handled Planter Shank Hoe. 8-in. blade	1 00



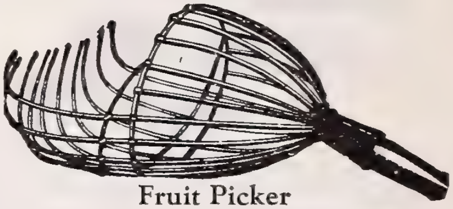
Garden Hoes

No. GO-67X. Solid Steel Garden Socket Hoe. XX handle	$1 10
No. G67X. Solid Steel Garden Shank Hoe. XX handle	95
No. TY4. Solid Steel Ladies' Shank Hoe. XX handle	75



No. 1 Sod Lifter

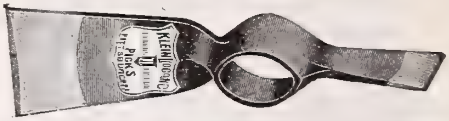
$2.30

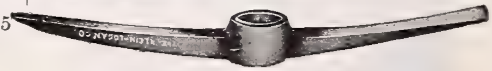


Fruit Picker

As a Fruit Picker it has no superior. It is made of heavy wire, and easily adjusted to a pole ....50 cts. each

Picks, Mattocks, and Grub Hoes



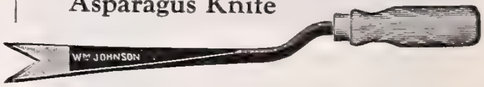


No. 1 Gritco. 6- to 7-lb. best-quality warranted steel Railroad Picks	$1 00
No. 2 Gritco. 8- to 9-lb. best-quality warranted steel Railroad Picks	1 10
No. 1 Gritco. 5-lb. best-quality warranted steel Mattocks	90
No. 1 Gritco. 6-lb. best-quality warranted steel Mattocks	1 00
No. 2 Gritco Warranted Grub Hoe	1 00

Pick and Mattock Handles

First-quality hickory Handles. .50 cts. each

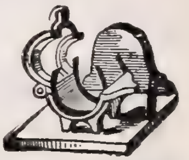
Asparagus Knife



Made of solid steel. See the cutting point. (Weight, 1 lb.)................35 cts. each

Asparagus Buncher

Put your asparagus up in bunches, with this Improved Asparagus Buncher. It is adjustable for all lengths of bundles, correct in design and quick in operation. (Weight, 5 lbs.) $4.



Asparagus Tape

Spools of about 1,000 yards, $1.50 each. Postage extra. (Weight, 2 lbs.)

Raffia

The best material for tying plants, vines, etc.

Natural. Lb ....25 cts.
Green. Lb ....85 cts.

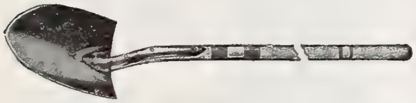
Twine

Green Cotton. Ball 10 cts.; 6 balls 50 cts.
White Cotton. Ball 10 cts.; 6 balls 50 cts.
Soft Jute. For tying vegetables. Ball 15 cts.

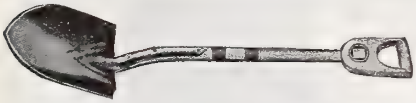
Farm and Garden Tools

Naylor Brand Plain Black Shovels

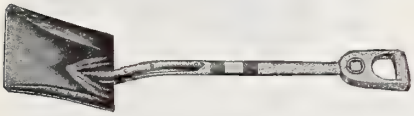
The blade and straps are made from separate pieces of steel, with straps welded to the blade. In the blade, stiffness, strength and resistance to abrasion are essential. In the strap, steel is required which is tough, yet ductile enough to conform to the curve as well as the round of the handle.



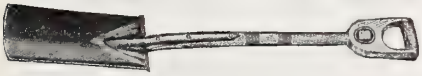
LONG-HANDLE ROUND-POINT SHOVEL. No. N-103. Size 2. $1.50 each



ROUND-POINT D-HANDLE SHOVEL. No. N-102. Size 2............$1.50 each

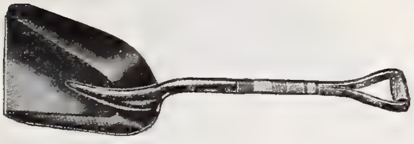


D-HANDLE SQUARE-POINT SHOVELS. No. N-100. Size 2, $1.50; Size 3, $1.55; Size 4, $1.60.



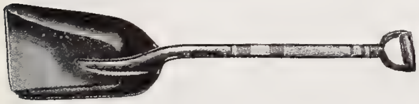
D-HANDLE SPADES.

No. N-124. Size 2, Standard Spade, long handle	$1 50
No. N-125. Size 2, Standard Spade, D-handle	1 50
No. N-118. 18-in. Ditching Spade, D-handle	2 00
No. N-120. 18-in. Drain Spade, Round-point, D-handle	2 00

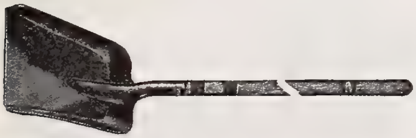


WESTERN PATTERN SCOOPS.

No. N-312. Size 4, D-handle	$1 55
No. N-312. Size 6, D-handle	1 75
No. N-312. Size 8, D-handle	1 90
No. N-313. Size 4, long handle	1 55
No. N-313. Size 6, long handle	1 75
No. N-313. Size 8, long handle	1 90



FURNACE SCOOP. No. 60...60 cts. each

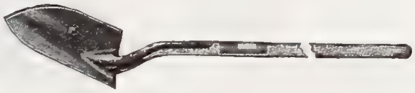


SNOW SHOVEL. No. 51. General Purpose.......................60 cts. each

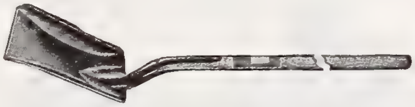
Ames Shovels and Spades

GENUINE OLIVER

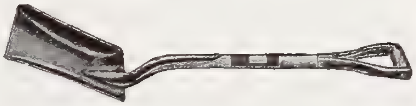
Each Shovel and Spade which bears the signature "Oliver Ames" is your continued guarantee of matchless service. It is identified by the genuine O. Ames Label. Significant of the O. Ames grade is the blade of Ames special alloy, heat-treated for maximum resistance to abrasion, with selected second-growth Northern Ash, extra-strong, fine-grained handle.



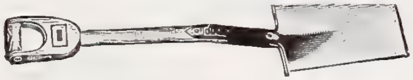
LONG-HANDLE ROUND-POINT SHOVEL. No. A-1030........$2.25 each



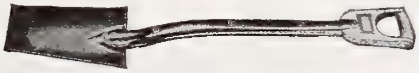
LONG-HANDLE SQUARE-POINT SHOVEL. No. A-1010........$2.25 each



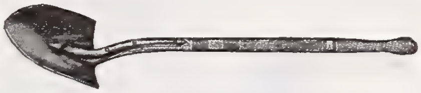
SQUARE-POINT D-HANDLE SHOVEL. No. A-1000..................$2.25 each



D-HANDLE SPADE. No. A-1240. Standard........................$2.25 each



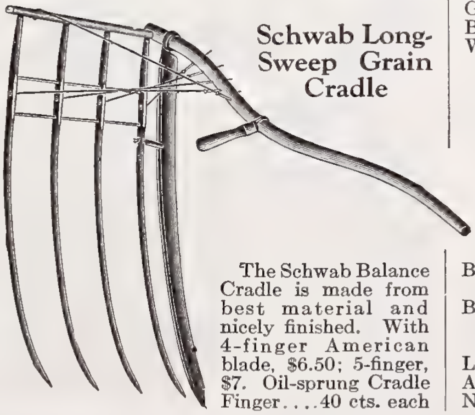
NURSERY SPADE. No. A-1280. D-handle, full-strapped..........$4.25 each



LADIES' or BOYS' SHOVELS.

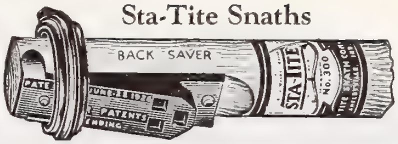
	Each
No. A-1150. Ladies' or Campers'	$1 25
No. A-1140. Campers' or Auto	1 25

Schwab Long-Sweep Grain Cradle

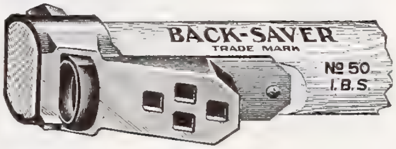


The Schwab Balance Cradle is made from best material and nicely finished. With 4-finger American blade, $6.50; 5-finger, $7. Oil-sprung Cradle Finger....40 cts. each

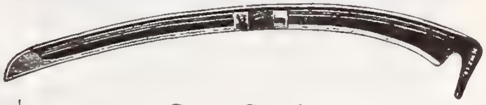
Sta-Tite Snaths



No. 300. All blades fit and stay tight. Has new back-saver heel-plate. For light or heavy mowing. 60 in..........$1.85 each



No. 50 I-B-S. With back-saver heel-plate. For grass. 60 in..............$1.65 each



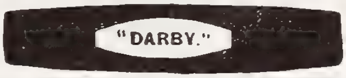
Grass Scythe

Earle Special. (Uses No. 50 I-B-S Snath.) ....$1.70 each

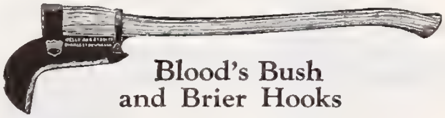
Bush and Weed Scythe

Uses No. 300 Sta-Tite Snath.....$1.85 each

Scythe Stones



Darby Creek	$0 20
TJ3. Abrasive	30
TN15. English Round	30
TS3. Rifle	20
TS2. Quick-Cut	15
JD2. Utility File	1 00



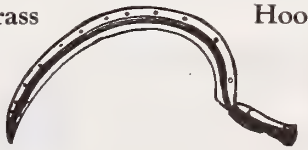
Blood's Bush and Brier Hooks

No. 10. Axe-handle............$1.75 each

English Waldron Blades

Grass Scythe. 34-in.	$3 00
Grass Scythe. 36-in.	3 25
Grass Scythe. 38-in.	3 50
Bush Scythe	3 00
Weed Scythe	3 00

Grass Hooks

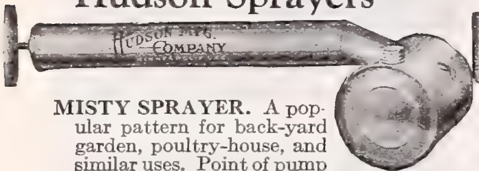


Best English Grass. No. 2	$0 60
No. 3	75
Best English Hedge or Grass Hook.	
No. 4. Riveted back	1 00
No. 3. B. V. Bent Handle; polished.	50
Long-Handle Grass Hook	1 00
American, Plain, No. 5. Bent Handle.	35
No. 2. Austrian or German	60

Sprayers

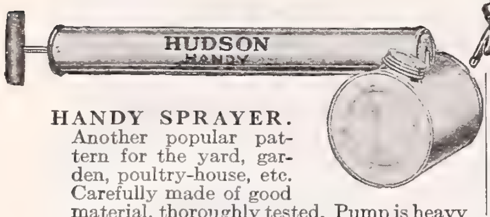
GARDENS AND CROPS TO BE SUCCESSFUL MUST BE PROTECTED FROM INSECTS AND OTHER ENEMIES

Hudson Sprayers



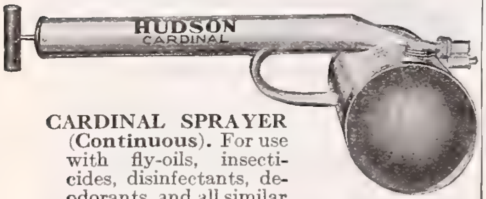
MISTY SPRAYER. A popular pattern for back-yard garden, poultry-house, and similar uses. Point of pump passes through top of tank and is securely soldered, making a very sturdy construction. Pump is heavy tin, 1½ inches in diameter, 14 inches long. Tank is heavy tin, lock-seamed and thoroughly leak-proof.
No. 452. 1-qt. . . . . .40 cts. each

VAPOR SPRAYER. Another popular pattern for use in and about the home. Pump is 1¼ inches in diameter, 10 inches long. Tank lock-seamed, thoroughly leak-proof. Sturdily constructed and individually inspected.
No. 222. ¾-pt. . . . . .25 cts. each

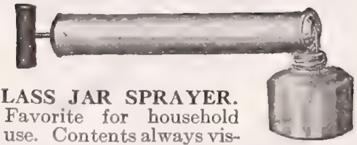


HANDY SPRAYER. Another popular pattern for the yard, garden, poultry-house, etc. Carefully made of good material, thoroughly tested. Pump is heavy tin, 1½ inches in diameter, 14 inches long. Tank is heavy tin, lock-seamed and thoroughly leak-proof.
No. 440. 1-qt. . . . . .35 cts. each

CONTINUOUS SPRAYER. For use with fly-oils, insecticides, disinfectants, and all other solutions that are sediment-free. Pump, 1½ inches in diameter, 14 inches long. Fitted with brass syphon tube and nozzle to prevent corrosion. Adjustable for any type of spray from fog to solid stream. Absolutely will not spit.
No. 432. 1-qt. . . . . .75 cts. each

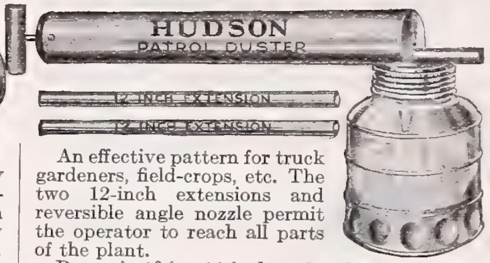


CARDINAL SPRAYER (Continuous). For use with fly-oils, insecticides, disinfectants, deodorants, and all similar preparations. Pump, 1½ inches in diameter, 14 inches long, soldered to tank, braced for extra strength. Adjustable double nozzle. Heavy galvanized steel tank, 5½ x 6¾ inches, double-seamed, thoroughly soldered, air-tested and inspected.
No. 435. 3-qt. . . . .$1.50 each



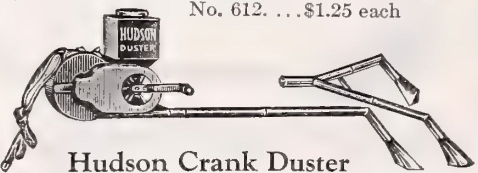
GLASS JAR SPRAYER. Favorite for household use. Contents always visible. Clear, sanitary, efficient. Handles household insecticides, disinfectants, etc., very well. Tank is glass jar. Can be capped and set away with liquid if desired, easily attached or detached. Pump is heavy tin with wood plug and handle. Size of pump, 1¼ x 8 inches.
No. G2½. 3½-oz. . . . . .15 cts. each

Hudson Patrol Duster



An effective pattern for truck gardeners, field-crops, etc. The two 12-inch extensions and reversible angle nozzle permit the operator to reach all parts of the plant.

Pump is 1¾ x 14 inches, fitted with special cupped plunger leather. Specially designed powder reservoir.
No. 612. . . .$1.25 each



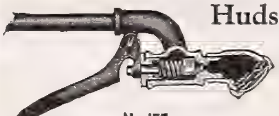
Hudson Crank Duster

For truck-gardens, vineyards, small orchards, etc., as well as clubs, city parks, cemeteries and similar places. Sturdily built. Machine-cut gears semi-enclosed and brass pinions insure easy operation. Four-blade high-speed fan. Agitator prevents clogging and insures uniform feed. Reservoir holds 3 quarts. Brass indicator adjustable for any volume of discharge. Discharge equipment includes three 14-inch tubes, two elbows, one wye, two nozzles and adjustable carrying strap. (Weight, 9 lbs.)
No. 603. . . . .$8.00 each

No. 604 Crank Duster

For truck-gardens, vineyards, small orchards, etc., as well as clubs, city parks, cemeteries, and similar places. Sturdily built. Enclosed machine-cut gears, running in oil. Discharge equipment: two nozzles, two elbows, a wye connection and four 15-inch tubes. Equipment can be arranged to dust plants from above, from under side as for aphis, bushes, trees, etc. (Weight, 14¾ lbs.)
No. 604. . . . .$13.50 each

Hudson Nozzles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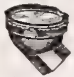
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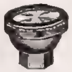

No. 166

1N

2N

3N

4N

4NW

5N

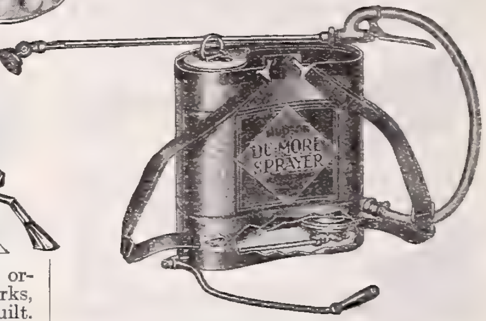
5X

No. 176. Perfection Shut-off. $1.50 each.
No. 168. Fog Nozzle. 65 cts. each.
No. 166. Fog Nozzle. 65 cts. each.
No. 1N. Fog Nozzle Cap. 30 cts. each.
No. 2N. Fog Nozzle Washer. 30 cts. per doz.
No. 3NC. Fog Nozzle Outside Disc, Reg. $1.20 per doz.
No. 3NF. Fog Nozzle Outside Disc, Fine. $1.20 per doz.
No. 4N. Fog Nozzle Inside Disc, Reg. $1.20 per doz.
No. 4NW. Fog Nozzle Inside Disc, for Whitewash. 60 cts. per doz.
No. 5N. Fog Nozzle Screen. $1.20 per doz.
No. 5X. Leather Gasket for Packing Nut. 5 cts. each.

Hudson Major Duster, Improved

For use with Paris Green, Arsenate of Lead, Calcium Arsenate, and similar poisons. Heavy tin pump, 1¾ x 13 inches. Fitted with Air-Pak plunger. Powder reservoir, 4 inches in diameter, 4½ inches long, fitted with air-valve to prevent powder entering pump. Large filler cap. Equipped with two 12-inch extension tubes and two tips, one narrow, one wide. (Weight, 16 lbs.)
No. 665. . . . .$1.00 each

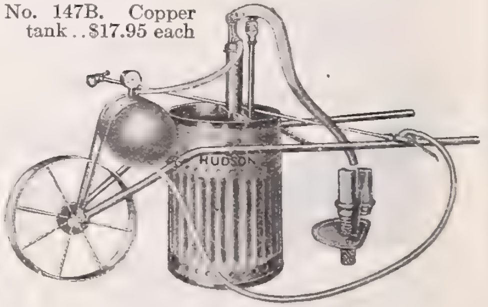
Hudson Du-More Sprayer



A continuous high-pressure Sprayer for truck- or field-crops, vineyards, ornamental shrubs, flower-gardens, sprinkling lawns, etc. Handles all agricultural insecticides, fungicides, etc. Tank made of prime galvanized or copper sheets. Capacity 4 gallons.

Pump is diaphragm type. Diaphragm rubber specially compounded to resist action of spray materials. Fitted with 3-foot discharge hose, 2-foot iron extension rod, automatic shut-off valve, and brass disc-type adjustable nozzle. (Weight about 19 lbs.)

No. 147G. Galvanized tank . . . .$12.95 each
No. 147B. Copper tank . .$17.95 each



Hudson Ideal Sprayer

A heavy-duty, high-pressure portable outfit for orchard, vineyard, truck-garden, park, golf club, dairy-barn, poultry-house, etc. Handles insecticides, cold-water paint, etc.

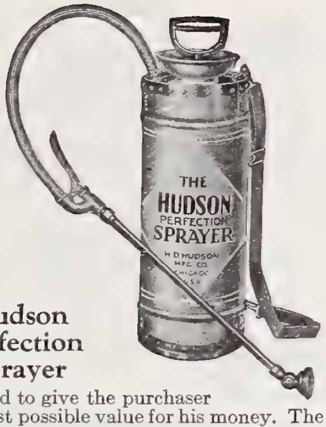
Pump is our 4SA. Non-clogging tubular brass intake strainer provides unusual strainer area. Dasher agitator cleans it at each stroke, preventing any possibility of clogging.

Frame heavy carbon steel tubing reinforced with channel-iron cross-braces and bushing through the wheel-hub.

Fitted with 6-foot discharge hose and 4-foot iron extension pipe, brass angle nozzle and shut-off valve.

No. 35S. 18-gal. galvanized tank. (Weight, 102 lbs. as shown.) . . . . $31.75 each
No. 34S. 18-gal. galvanized tank, less pressure tank, gauge, and fittings. (Weight, 72 lbs.) Pump and Tank crated, Wheel and Frame knocked down and bundled . . . . . . $21.00 each

Sprayers

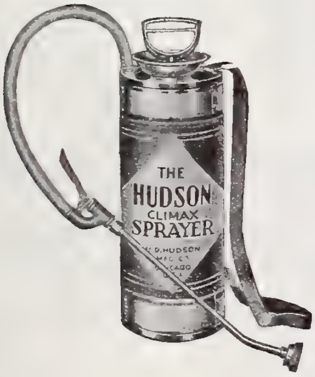


Hudson Perfection Sprayer

Designed to give the purchaser the greatest possible value for his money. The same features that have always made the Perfection an outstanding value have been retained though many new improvements have been made. This pattern is now equipped with the Nu-eez Funnel Top and the adjustable nozzle.

Tank 7½ x 21 inches. 4-gallon capacity. Seams riveted with brass rivets and heavily soldered. Made of first-quality galvanized or copper sheets. Pump of seamless brass tubing, 1¾ x 15½ inches. Malleable "D" pump handle. Fitted with 27 inches of discharge hose and 24-inch brass extension rod. (Weight about 13 lbs.)

No. 110GF. Galvanized tank. $6.25.
No. 110BF. Copper tank. $9.60.



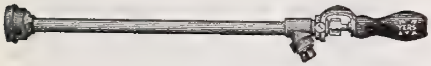
Hudson Climax Sprayer

This compressed-air tank Sprayer is a very fine pattern in the low-priced field. It will do all the things that can be done with the more expensive Sprayers. Fitted with our Nu-eez Funnel-Top feature. Capacity, about 3½ gallons.

Pump of seamless brass tubing 1¾ x 14 inches. Sealed into tank by pressed steel cam lock, operated by half turn of malleable pump handle. Equipped with 24 inches of discharge hose, 18-inch curved brass extension rod, and brass disc-type adjustable nozzle. (Weight about 10 lbs.)

No. 135GF. Galvanized tank. $3.75.

The Myers Power Spray Gun



Length over all 26 inches. Utilizes the entire capacity of any power spray pump and does away with all bamboo extensions, nozzles, and fittings. Fitted for ¾-inch hose coupling and ¼-inch pipe. $6.50.

Hudson Sterling Sprayer

Has a capacity of about 3¾ gallons. It is a very practical pattern for the farmer, fruit-grower, truck gardener, poultryman, dairyman, etc. It handles ideally whitewash, cold-water paints, insecticides, disinfectants, etc. This pattern also has the new Funnel Top.

Pump is seamless brass tube. Attaches to tank by heavy malleable cap which screws into brass tank collar. Furnished in 24-inch high-pressure spray hose, 18-inch brass extension rod, and solid brass nozzle with various discs. Packed one in a heavy fiber carton. (Weight about 10 lbs.)

No. 115GF. Sterling. Galvanized tank. $5.

No. 115FB. Sterling. Copper tank. $7.50.

Hudson Junior Sprayer

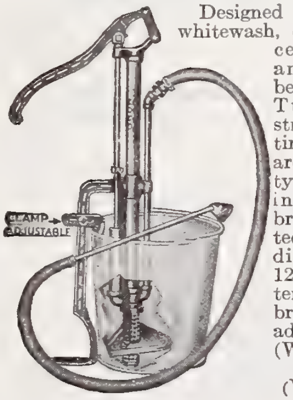
Has a capacity of 2½ gallons and is very popular with the housewife. It holds enough for her uses and is not too heavy. This pattern, as are the larger ones, is equipped with the Nu-eez Funnel-Top device.

Pump of seamless brass tubing, 1¾ x 15½ inches. Sealed into tank by malleable top cap which screws into brass tank collar. Malleable "D" pump handle. Fitted with 24 inches discharge hose, 18-inch brass extension rod, and brass disc-type nozzle. (Weight about 9 lbs.)

No. 140GF. Galvanized tank. $4.50.

No. 140BF. Copper tank. $6.85.

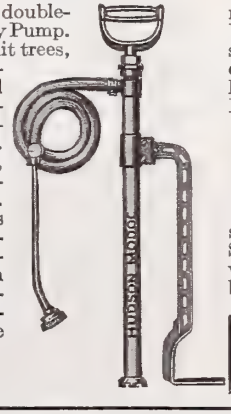
Hudson Moro Spray Pump



Designed for use with whitewash, cold-water and cement paints, and sediment-bearing solutions. Tubular brass strainer has 15 times the strainer area of ordinary types. Pump cylinder seamless brass tubing. Fitted with 3 feet of discharge hose, 12-inch iron extension rod and brass disc-type, adjustable nozzle. (Weight 10½ lbs.)

No. 126SA.
(Without pail.)
$6.25.

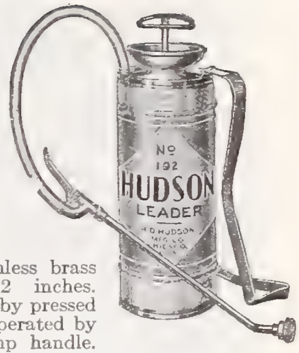
Hudson Modoc Spray Pump



A sturdy, all-brass, double-acting, continuous Spray Pump. Adapted for spraying fruit trees, vines, gardens, ornamental shrubs and hedges, washing automobiles, wagons, windows, or as a fire pump. Handles stock dips, cold-water paints, insecticides, disinfectants, etc. Develops 150 pounds nozzle pressure. Discharge equipment consists of 3 feet ⅜-inch special spray hose, 12-inch curved brass extension rod, and disc-type all-purpose nozzle.

No. 122. $3.25.

Hudson Leader Sprayer


No
192
HUDSON
LEADER
H D HUDSON MFG. CO. CHICAGO

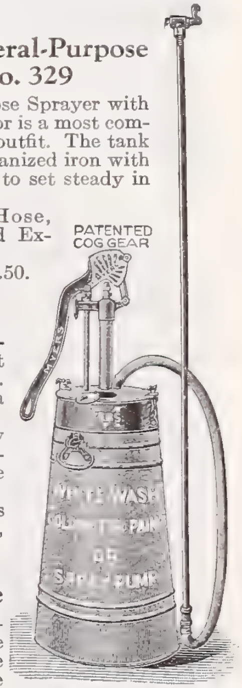
Has the Nu-eez Funnel-Top feature and for that reason is more popular than ever. Furnished in galvanized tank. Capacity about 3 gallons.

Pump of seamless brass tubing 1¾ x 12 inches. Sealed into tank by pressed steel cam lock, operated by half turn of pump handle. Equipped with 24 inches of discharge hose, 18-inch curved brass extension rod, and brass nozzle. (Weight about 9 lbs.) $3.25.

Extension Spray-Rods

Bamboo. 8-ft., with stop-cock	$4 20
8-ft., without stop-cock	3 25
10-ft., with stop-cock	4 75
10-ft., without stop-cock	3 75
8-ft. extension, with couplings	65
8-ft. pipe extension, with stop-cock	1 65

The Myers General-Purpose Sprayer No. 329



This General-Purpose Sprayer with patent Double Agitator is a most complete and serviceable outfit. The tank is made of heavy galvanized iron with a wide bottom, so as to set steady in operation.

Complete with Hose, Nozzle, Agitator, and Extension Rod.

Our Special Price $12.50.

Misty Jr. Nozzle

This Nozzle produces a perfect mist and covers a wide area.

Brass, with extra steel disc. $1.

Can also supply these Nozzles with 45-degree angle. Same price as above.

Extra Steel Discs for Misty Jr. Nozzle, 5 cts. each.

Vermorel Nozzle

This is an improvement on the old-style Vermorel Nozzle. The spray is finer and more evenly distributed. The cap with smaller hole makes finer spray.

Fig. 55. Goulds' Vermorel Nozzle, one discharge. $1.25.

Bordeaux Nozzle

This can readily be changed from a solid stream to a mist-like, fan-shaped spray. Should there be any clogging of the Nozzle with the spray material, it is easily remedied by turning the handle. $1.

FOR BARREL SPRAYERS
see page 95

Insecticides and Fungicides

Lemon Oil Company's Standard Insecticide

THIS INSECTICIDE is death to pests—is safe to plants—is harmless to user—is low in price—is free from disagreeable odor

We recommend Lemon Oil Co.'s Standard Insecticide. It is used by the most prominent florists and seedsmen to destroy scale, mealy bug, rust, aphis, caterpillars, etc., on palms, rose bushes, rubber plants, ferns, etc. It leaves no disagreeable odor on blooms or foliage—advantages over the vile-smelling soaps and powders, especially for indoor use. Being poisonless, it is not dangerous to use.

This will be found an excellent wash for dogs and other animals; it relieves mange, destroys lice and other insects, and gives the coat a beautiful, glossy appearance. Contains no poison to injure the animal, and being liquid, gets through the hair to the hide.

It will destroy lice and other insects in poultry-houses.

It will also kill roaches, ants, and other insects that infest houses.

½ pt.	$0 30
1 pt.	50
1 qt.	85
½ gal.	1 50
1 gal.	$2 50
5 gals.	10 00
10 gals.	19 50

Lime-Sulphur Solution

This is used both as an insecticide and a fungicide. As an insecticide it is used principally against scale insects, especially the San José Scale. For scale insects it is applied while the trees are dormant and is diluted with 8 or 9 parts of water. As a fungicide it is used chiefly for the control of apple scab, 1½ gallons to 50 gallons of water. Lime-Sulphur may be used in combination with arsenate of lead and tobacco extracts. Paris Green should not be used with Lime-Sulphur.

1-qt. can	$0 30
½-gal. can	50
1-gal. can	75
5-gal. can	2 50
10-gal. can	4 00
30-gal. drums, per gal.	18
Drums (about 50 gals.), per gal.	16

No charge for drums

Poison Kill-Weed Poison

Not to Be Used on Lawns

A Scientific Weed Destroyer. Free from Odor. By Analysis It Has Been Found There Is No Stronger Weed-Killer on the Market.

An unsurpassed preparation for the removal of grass, weeds, vines, and bushes from paths, roadways, gutters, streets, and any other place from which it is desired to remove any and all vegetable growths, thus destroying the breeding-ground for mosquitoes. Work can be done in a speedy, thorough, economical, and easy manner. The material has no bad effect on the ground, neither does it injure nor discolor brick, stone, or marble curbing.

KILL-WEED not only kills weeds but destroys seed germs and roots of plants. Can be used with an ordinary sprinkling-can. One gallon KILL-WEED will make 30 gallons treating liquid when mixed with water.

1-qt. can	$0 50
½-gal. can	90
1-gal. can	1 50
5-gal. can	6 50
10-gal. can	$12 00
1 barrel, per gal.	95

Dry Lime-Sulphur

An effective remedy for San José and oyster-shell scale, peach-leaf curl, peach blight, peach twig borer, blister-mite, apple and pear scab, brown rot of apricot, powdery mildew of apples, red spiders, mites and thrips of citrus fruits.

1-lb. cans	$0 30
5-lb. cans	1 25
10-lb. cans	2 00
25-lb. steel drums	4 00
50-lb. steel drums	7 00
100-lb. steel drums	12 00
200-lb. steel drums	22 00

Stimugerm

LEGUME INOCULATION

High-Bred Nitrogen-Gathering Bacteria

Means better crops, better soils, less fertilizer expense.

What Stimugerm is: A pure culture of nitrogen-fixing bacteria of highest quality. Stimugerm is always fresh, always strong and virile.

A different culture is required for each legume group, so when ordering be sure to state what crops you wish to inoculate.

New Low Prices on Stimugerm For Small Seeds, Clovers, Alfalfa, etc.

SMALL-SEED LEGUME VARIETIES

Alfalfa—Clovers—Sweet Clovers

½-bus. size	$0 35
1-bus. size	65
2½-bus. size	1 40

LARGE-SEED LEGUME VARIETIES

Soybeans—Cowpeas—Vetch—Peas

1-bus. size	$0 35
2-bus. size	65
5-bus. size	1 40
Garden Size for Garden Peas, Beans, and Sweet Peas. Special Composite Culture	25

Kaylox

INSECTICIDE AND FUNGICIDE

Kills Insects and Prevents Blight

Kaylox is adapted for spraying for late broods of codling moth on apples, for potato beetles, most caterpillars and many leaf-eating insects on fruit and other trees, tomatoes, grapes, currants, celery, cabbage, cauliflower, and many other plants.

A preventive of many blights and certain fungous diseases.

Used as a general spray in the proportion of 1 pound to 10 gallons or 5 pounds to 50 gallons of water.

For potatoes, bitter rot and blotch on apples, use 1 pound to 7½ gallons or 6½ or 7 pounds to 50 gallons of water.

Not to be used for late spring or early summer application on apples or on peaches or Japanese plums after blooming.

Kaylox is a Powder, Not a Paste

½ lb.	(makes 5 gals. spray)	$0 25
1 lb.	(makes 10 gals. spray)	45
5 lbs.	(makes 50 gals. spray)	2 10
10 lbs.	(makes 100 gals. spray)	3 75
25 lbs.	(makes 250 gals. spray)	7 75
50 lbs.	(makes 500 gals. spray)	15 00
100 lbs.	(makes 1,000 gals. spray)	26 50

Write for Special Circular

Scalecide

Pleasant to Use.
Reduces Sprayer Troubles.
Prolongs the Life of Your Sprayer.
Spreads into Cracks and Crevices.
Saves Half the Labor of Spraying.

One spray tankful of dilute Scalecide goes as far on your trees as two spray tankfuls of dilute Lime-Sulphur or two and one-half spray tanks of diluted oil emulsion.

A Size for Every Need

One gallon makes 16 gallons of spray.

1-qt. can	$0 65
1-gal. can	1 55
5-gal. can	5 50
10-gal. can	9 50
15-gal. drum	11 25
30-gal. drum	18 50
50-gal. drum	26 00

Plus the following Deposits on Drums

15-gal.	$2 00
30-gal.	2 50
50-gal.	3 00

Semesan

For Flower and Vegetable Seeds

Indispensable to those growing vegetables or flowers, whether for market or home use. One ounce treats 15 pounds of seed. Effective in controlling damping-off, the brown-patch disease which affects golf greens, and such devastating gladiolus diseases as hard rot and scab.

2-oz. tin	$0 50
1-lb. tin	2 50
5-lb. tin	11 75
25-lb. pail	46 25
100-lb. drum	180 00

Semesan Jr.

For Seed Corn

Applied by the simple dusting operation at the rate of 2 ounces to each bushel of seed corn, Semesan Jr. offers the cheapest and most effective form of disease insurance.

It is especially effective in controlling seed-borne infections of diplodia, gibberella, and basisporium without harming the seed embryo in the least.

Its use protects the seed from rotting in ground and makes possible earlier planting.

4-oz. tin	$0 50
1-lb. tin	1 00
5-lb. tin	4 75
25-lb. pail	23 25

Semesan Bel

For Seed Potatoes

Use the quick, easy, time-saving Semesan Bel treatment. Simply mix, dip, drain, dry and the potatoes are ready for planting.

Controls such seed-borne disease organisms as scab, rhizoctonia, and black-leg.

One pound treats 16 to 20 bushels of seed.

4-oz. tin	$0 50
1-lb. tin	1 65
5-lb. tin	7 00
25-lb. pail	31 25

New Improved Ceresan

A New Low-Cost Grain Disinfectant

Costs only 1⅞ to 2⅓ cents per bushel. Unusually effective in controlling bunt or stinking smut of wheat, covered smut and stripe of barley and oat smuts. One pound treats 32 bushels of wheat, oats, or barley.

1-lb. tin	$0 75
5-lb. tin	3 00

Insecticides and Fungicides

ANTROL. Ants destroyed. New method "gets" them at their source. The complete system should cover every 15 feet around the outside of the house or "ant-trails" in the garden. Once installed, permanent, effective, and safe protection is insured from these annoying pests. Antrol Sets (4 Containers and 1 4-oz. bottle of Syrup) 75 cts. Extra Containers 15 cts. each. Antrol Syrup. 4-oz. bottles 35 cts.; pt. 85 cts.; gal. $3.50. Special Ready Filled Set, 4 Containers 40 cts.

ARSENATE OF LEAD. An arsenical poison for use against insects that chew and for such insects as the fruit-flies that lap and suck up sweetened liquids. The principal insects for which Arsenate of Lead is used are: Apple-maggot, brown-tail moth, bud-moth, cankerworm, codling moth, fruit-tree leaf-roller, gypsy moth, tent caterpillar, pear slug, curculio, etc. Directions: 1 to 1½ lbs. powder to 50 gallons of water. Powdered form. 1-lb. pkg. 25 cts.; 4-lb. pkg., 20 cts. per lb.; 48-lb. pkg., 16 cts. per lb.

ARSENITE OF ZINC. A combination of arsenic with zinc to form a quick-acting, adhesive insecticide for use on potatoes and some other truck crops. It is much more adhesive and less caustic than Paris Green and kills quicker than Arsenate of Lead. 1-lb. pkg. 25 cts.; 4-lb. pkg., 21 cts. per lb.; 48-lb. pkg., 16 cts. per lb.

ARROW CARBOLINEUM. Formerly **Avenarius Carbolineum.** Made in U. S. A. Preserves wood everywhere against rot and decay, adding at least 100 per cent to the life of fence-posts, poles, sills, floors, bridge timbers, porches, and to wood embedded in concrete.

Covering capacity:

350 sq. ft. per gal. on dressed timber.
250 sq. ft. per gal. on rough lumber.
100 sq. ft. per gal. on shingles.

Second coat requires only one-third or one-fourth the quantity for first coat.

Kills mites in poultry houses. 1-gal. can $1.75; 5-gal. can $7.

BLACK-LEAF 40. Nicotine Sulphate—40 per cent Nicotine. This is the insecticide that is so highly recommended by experiment stations. It destroys aphis (plant-lice), thrips, leaf-hoppers on all tree, bush, and vine fruits, vegetables, field crops, flowers, and shrubs; also apple red bug, pear psylla, and similar soft-bodied sucking insects—all without injury to foliage. May be combined with other sprays. Highly concentrated. Soluble in water—easy to mix—does not clog nozzles. You cannot go wrong by ordering Black-Leaf 40 for sucking insects.

1 oz. (makes 6 gals.)	$0 35
5 ozs. (makes 40 to 120 gals.)	1 00
1 lb. (makes 80 to 240 gals.)	2 25
2 lbs. (makes 160 to 480 gals.)	3 25
5 lbs. (makes 400 to 1,200 gals.)	5 85
10 lbs. (makes 800 to 2,400 gals.)	9 85

BLUESTONE (Copper Sulphate). 5 lbs. 50 cts.; 10 lbs. 90 cts.; 50 lbs. $4.25; 100 lbs. $6.

BORDEAUX MIXTURE. A combination of copper sulphate and lime. Its use is indispensable in the control of black-rot of grapes and the blight of potatoes. It is also used for apple-scab, bitter-rot, cedar rust, leaf-spot and downy mildew. Directions: 6 to 7 pounds to 50 gallons of water. 1-lb. pkg. 25 cts.; 4-lb. pkg., 20 cts. per lb.; 48-lb. pkg., 16 cts. per lb.

B-K BACILI-KIL. Disinfectant—Deodorant—Antiseptic. B-K is a powerful non-poisonous germicide. It is fed in drinking water to calves, little pigs, and poultry. A powerful solvent of all protein matter such as casein milk solids on utensils, dead tissue, pus and mucus in animal tissue. It penetrates and dissolves these; destroys chemically the germs that cause the trouble; cleans surfaces of utensils; cleans and heals tissues of animals. It is ideal for colds, roup, flu, etc., in birds, and similar diseases acquired through mouths, throats, and noses of animals. 10-oz. bottle 50 cts.; 1-qt. bottle 90 cts.; 1-gal. bottle $2; 5-gal. carboy $8.50.

B-K POWDER. Small size 75 cts.; large size $1.50.

BOURBON FLUOSILICATE DUST MIXTURE. This is adapted for the control of Mexican bean beetles, potato bugs (beetles), striped cucumber beetles, blister beetles, certain flea beetles, and boll weevils, and it may also be used to destroy cutworms, to rid premises of ants and roaches, and to kill the lice on fowls. 100-lb. drum $15.

CALCIUM ARSENATE. 1-lb. pkg. 15 cts.; 4-lb. pkg., 11 cts. per lb.; 48-lb. pkg., 10 cts. per lb.

COPPERCARB. A new remedy for bunt or stinking smut in wheat. Being a powder which can be applied, without any further mixing, directly to the grain, makes it more economical than the old wet system. As it can be done at any time, even months before sowing, it does away with the evils of any soaking or wet process. Use 2½ to 3 ounces to treat one bushel of wheat. 5-lb. pkg., 18 cts. per lb.

COW-EASE. Relieves cattle and horses from flies. ¼gal. 60 cts.; ½gal. 90 cts.; gal. $1.50; 5 gals. $7.25.

CREOSOTE OIL, Grade 1. 1-gal. can $1; 5-gal. can $4.50.

CRO-TOX. Be sure to guarantee yourself a perfect stand of Corn by using Cro-Tox. By using this treatment on your corn before planting you will prevent crows, squirrels, and other animals from robbing your fields. ½-pt. can 60 cts.; 1-pt. can 90 cts.

CYANOGAS ANT-KILLER. Enlarge entrances to nest and pour in small amount of Cyanogas Ant-Killer. Close hole with dirt. The deadly gas liberated destroys the colony and kills the queen residing deep in the nest. The 4-oz. can contains enough to kill a million ants. 30 cts.

CYANOGAS REG. U.S. PAT. OFF. **G Fumigant**

FOR GREENHOUSES

A sufficient dose, if the house is fairly tight, is ⅛ ounce to 1,000 cubic feet. Always start the fumigation about one hour after sundown—never before. Choose a still night. The house should not be watered for at least twenty-four hours before fumigation. Some plants will not stand the treatment and should be removed from the house. (Cannot be mailed.) 5-lb. pkg. $3; 25-lb. pkg. $10; 100 lbs. $30.

CYANOGAS (A DUST) is a powdered material that gives off hydrocyanic-acid gas when exposed to the air. This gas is deadly to the rodent and insect pests and will kill them almost immediately. It can be applied either with a duster or a spoon. ½-lb. tin 45 cts.; 1-lb. tin 75 cts.; 5-lb. tin $3; 25-lb. tin $10.

DETHOL. A spray for use in the home and on the farm. On the farm, Improved Dethol, sprayed freely in hen-houses, etc., and sprayed lightly and regularly on poultry and stock, keeps them free from all kinds of insects and vermin. Do not spray Improved Dethol on young animals, cats, or vegetation. ½pt. 30 cts.; pt. 50 cts.; qt. 90 cts.; gal. $3.

DRITOMIC SULPHUR. There has been a growing demand for fungicides in dry form. To meet this demand, the General Chemical Company has developed a highly concentrated sulphur product, that combines the advantages of Atomic Sulphur and dry powdered materials. This new product will give the fruit the well-known sulphur finish, without interfering with the assimulatory functions of the foliage or the development of the plant treated. 4-lb. bag, 18 cts. per lb.; 48 lbs., 12 cts. per lb.; 96 lbs., 11 cts. per lb.

DUSTING SULPHUR. 85-15 Dust. Contains 15 per cent Dry Arsenate of Lead and 85 per cent Flour Sulphur. A very effective dusting material for strawberries, cantaloupes, and other melons, and in fact, is an ideal dust for many uses. 100-lb. bag $7.

NEW EVER GREEN SPRAY. This new spray greatly simplifies insect control for home gardeners. It does away with complicated and confusing instructions. Provides you with one product that will take care of 95 per cent of the insect troubles in home-gardens. It is the most important advance in insecticide manufacturing since the discovery of pyrethrum as a toxic agent. 1-oz. bottle 35 cts.; 6-oz. bottle $1; 16-oz. bottle $2; 1-gal. can $11.

FISH-OIL SOAP. Lb. 30 cts.; 5 lbs. $1.25; 10 lbs. $2.25; 25 lbs. $3.25; 100 lbs. $10.

FLOUR OF SULPHUR. Lb. 12 cts.; 5 lbs., 10 cts. per lb.; 10 lbs., 9 cts. per lb.; 25 lbs., 8 cts. per lb.; 50 lbs., 7 cts. per lb.; 100 lbs., 6 cts. per lb.

Commercial Flour of Sulphur. Sold in 100-lb. bags only, $3.25.

DR. HESS FLY-CHASER. Drives flies away. One application lasts six hours. Prevents milk-slump. Keeps cattle and horses contented during the fly season. Most humane idea of the age. Its use during summer months will insure good profits. Guaranteed. Gal. $1.50; 5 gals. $6.

FUNGTROGEN. A liquid spray for the control of mildew and black-spot. Invisible on foliage and blooms. ½pt. 75 cts.; pt. $1.25; qt. $2; ½gal. $3.50; gal. $6.

HAMMOND'S SLUG-SHOT. Destroys potato bugs and beetles, green and black fly, slugs, worms, caterpillars, etc. Use 10 to 40 pounds an acre. 1-lb. pkg. 25 cts.; 5-lb. pkg. $1.00; 25-lb. pkg. $4.

HAMMOND'S GRAPE AND ROSE DUST. 5 lbs. $1.50.

KAYSO is the combined casein spreader and adhesive which makes orchard and garden spraying more economical and more efficient. Kayso is now used by fruit and vegetable growers in all parts of the United States. It enables you to get your trees completely covered by a protective film of poison, with no unprotected spaces. 2-lb. pkg. 40 cts.; 100-lb. pkg. $18.

KEY BRAND TREE WOUND PAINT. Prevents decay after pruning. This residual, penetrating antiseptic paint is not affected by heat, cold, or moisture. Does not peel, crack, or get brittle. Stops tree bleeding. 1-pt. can 60 cts.; 1-qt. can $1; 1-gal. can $2.50.

Insecticides and Traps

DOW MAGNESIUM ARSENATE. This gives best results when applied as a wet spray, using 2 pounds per 100 gallons of water—sufficient for about one acre of beans. Should you be interested in a prepared product, ready for use in a duster, we recommend Dow Magnesium Arsenate Dust Mixture. This contains genuine Dow Magnesium Arsenate blended with hydrated lime in accordance with Government recommendations. 2-lb. pkg. 60 cts.; 100-lb. drum $22.

MAGNESIUM ARSENATE DUST. Prepared ready to use. 4-lb. pkg. 60 cts.; 100-lb. drum $12.

MOLOGEN (Mole Killer). Eliminates moles from your lawn within 2 or 3 days! Non-poisonous to humans and pets. In powder form. Will in no way injure soil or grass. Emits no gas. Odorless. ½-lb. can 50 cts.; 1½-lb. can $1.25; 5-lb. can $4.

OLEATE COATED ARSENATE OF LEAD. Kills Japanese Beetle. Manufactured under U. S. Patent 1,166,387, December 28, 1915. Conforms to specifications of the Japanese Beetle Laboratory, U. S. Dept. of Agriculture, and requirements of New Jersey Dept. of Agriculture Circular No. 96. Lb. 50 cts.; 2½ lbs. $1.

ONE-SPOT FLEA KILLER. One-Spot is so called because it requires application only on one spot to kill all the fleas on the animal. Place on the skin under the hair. One-Spot is absolutely harmless, even if applied all over the animal or eaten by it. 1-oz. pkg. 25 cts.; 3-oz. pkg. 50 cts.

PARIS GREEN. ¼lb. 15 cts.; lb. 45 cts.; 5 lbs. $1.85.

PASTOXINE. The new non-poisonous exterminator of rats and mice. It is a product of the "Laboratoire des Vaccins Pasteur, P. E.," Paris, France. This laboratory, devoted exclusively to scientific research, was founded over a half century ago, and is known all over the world.

Tests have constantly proved that Pastoxine causes in rats and mice external symptoms similar to progressive asphyxia, *viz.* paralysis of the respiratory organs. The rodents, as soon as they start being sick, eagerly search for water, and even more especially, for air. This induces them to leave their holes, and they die in about six hours out in the open air, away from their cache. 60 cts. (If by mail, add 5 cts. for postage.)

PARA-DICHLOROBENZENE. For peach borer control. Use one ounce to a 6-year-old tree or older; in case of a very large tree, 1½ ounces may be needed to form a satisfactory band; on 4- or 5-year-old trees, use ½ to ¾ ounces to a tree. We do not recommend using it on younger trees. Do not use on apple trees. Make spring application in May; fall application in September. 1-lb. pkg. 40 cts.; 5-lb. pkg., 30 cts. per lb.; 25-lb. pkg., 25 cts. per lb.; 100-lb. pkg., 20 cts. per lb.; 200-lb. pkg., 19 cts. per lb.

POMODUST. A combination of highly effective fungicides and insecticides for the prevention of many blights, mildews, and fungous troubles and to kill external leaf-eating insects. Pomodust is especially adapted to use on roses, and is used and recommended by many prominent growers. 1-lb. pkg. 30 cts.; 5-lb. pkg. $1.15.

POMO-GREEN. Lb. 50 cts.; 5 lbs. $1.75.
Pomo-Green with Nicotine. Lb. 75 cts.; 5 lbs. $3.

RED ARROW INSECT SPRAY. This is a spray with various uses. It kills aphids (plant-lice), mealy bugs, squash bugs, rose-chafers, leaf-hoppers, aster beetles, elm-leaf beetles, Mexican bean beetles, Japanese beetles, striped cucumber beetles, 12-spot cucumber beetles, 12-spot dahlia beetles, white flies, stable flies, potato beetles, red spiders, fern caterpillars, cutworms, cabbage loopers, harlequin cabbage bugs, fall webworms, thrips, celery-leaf tier, and many other insects. Oz. 35 cts.; ¼pt. $1; pt. $2.50; qt. $4; gal. $12.

SNAROL. The national pest control. Science provides new safe methods that do the work without fuss. Cutworms, sowbugs, grasshoppers, slugs, snails, earwigs, etc., are exterminated. 1-lb. pkg. 45 cts.; 3-lb. pkg. 95 cts.; 15-lb. pkg. $3.50; 50-lb. bag $9.50.

SULFOCIDE. A better summer spray. A concentrated liquid sulfur fungicide for use on both peaches and apples and on all kinds of fruits, vegetables, and flowers. Controls apple scab, brown rot of peaches, plums and cherries; blight and rot of potatoes, tomatoes and melons; mildew and rust of flowers and shrubs. Convenient, economical, effective. Dilute 1 to 200. Pt. 50 cts.; qt. 85 cts.; gal. $2.25; 5 gals. $7.50; 10 gals. $13.50; 30 gals. $33; 50 gals. $50.

TEROGEN. A soil-disinfectant that destroys insect pests and diseases before they can attack. Lb. 75 cts.; 2 lbs. $1.25; 5 lbs. $2.75; 10 lbs. $4.75.

TREE TANGLEFOOT. For protecting trees against climbing insect pests in a simple, economical, and effective way. One pound will spread 8 feet long by 5 inches wide, $\frac{1}{16}$ inch thick. Will stay on tree three months. 1-lb. can 50 cts.; 5-lb. can $2.25; 10-lb. can $4.25.

TRI-OGEN. The all-purpose spray that controls black-spot, mildew, blight, sucking, and chewing insects.

Small kit (makes 4 gals.)	$1 50
Medium kit (makes 16 gals.)	4 00
Large kit (makes 32 gals.)	6 00
Estate kit (makes 128 gals.)	20 00

Volck (Nursery)

One of the most powerful insecticides known. Effective on practically all insects, and ornamental and flowering plants. Wonderful results have been obtained against red spiders, cyclamen mite, aphis (green-fly), scale, mealy bug, thrips, and caterpillars. Many pests that could not be controlled before are now killed with Volck. It even prevents and stops mildew and rusts. Not only does it give effective control of pests, but it also prevents reinfestation for a considerable period. Volck is odorless, colorless, and non-poisonous. There is no unsightly residue. Plants are deep, glistening green after using Volck.

½pt.	$0 35	5 gals.	$6 25
Pt.	50	14 gals.	13 00
Qt.	75	28 gals.	23 80
Gal.	2 00		

VOLCK (Garden). A Volck-Nicotine combination spray that offers the home gardener as nearly complete a garden spray as can be put in one package. It is used to control aphis, thrips, scale, mealy bug, red spider, white-fly, lace-wing bug, cyclamen mite, greenhouse orthezia, leaf-miner, squash bug, leaf-hopper, small caterpillars, leaf-spot, mildew, rusts. 3 ozs. 35 cts.; pt. $1.

Dogzoff

Positively keeps dogs away from evergreens, shrubs, and plants.

You spray the material around the bottom of the trees and shrubs, and it keeps the animals away—they do not like the odor.

Harmless to use. Large bottle 75 cts.

Dog Skat

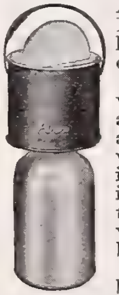
Protects Trees, Shrubs, Ornamentals

Dogs hate it! They smell and go away. Safe, harmless to humans, pets, plants. By hanging a tube of Dog Skat in an obscure place on a tree, shrub, bush or ornamental, dogs can be kept at a distance for an entire season. The odorous vapor of Dog Skat, released from the opened end of the tube, is operative in all seasons—temperature and weather do not make any difference. Large tube 30 cts.

Ant Traps

These ready-to-use Ant Traps are a very effective remedy for ants. Just place them outside where the ants can get to them. 15 cts.

Japanese Beetle Traps



Similar in design to the Trap used and recommended by the U. S. Department of Agriculture in their Publication No. 201. Especially suitable for larger homes or estates with more extensive grounds.

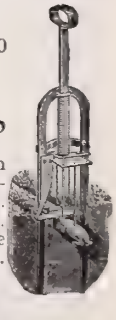
Enameled green and white—will last for years. Fitted with a standard screw cap for quart and two-quart Mason jars, and with swing handle for hanging in place. Differs from other types in having two wings crosswise at the top. This design has proved very successful in catching beetles.

Either Liquid or Dry Bait may be used in these Traps. $1 each.

Iron Stakes. 35 cts. each.

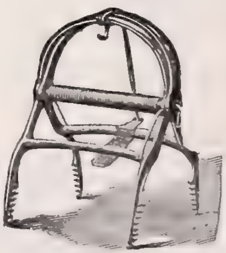
Bait, either Liquid or Dry, 50 cts. extra.

Little Giant Mole Trap



Self-setting by pressing down on lever. Very convenient feature found on no other trap. Made from best spring steel, thoroughly galvanized. Simple and durable in its construction. $1. (Weight 2 lbs.)

Out-of-Sight Mole Trap



Considered one of the best and cheapest Mole Traps on the market. Especially valuable for hotbeds and frames on account of convenient size. $1.25. (Weight 2 lbs.)

For SPRAYERS, see pages 50, 51, and 95.

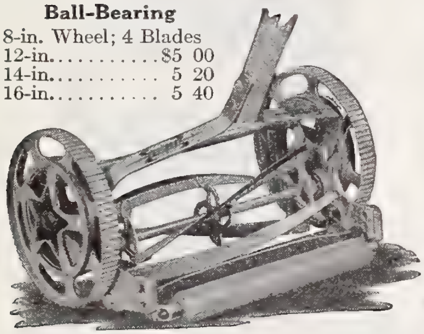
Pennsylvania Lawn Mowers

Banner Mower

Ball-Bearing

8-in. Wheel; 4 Blades

12-in.	$5 00
14-in.	5 20
16-in.	5 40

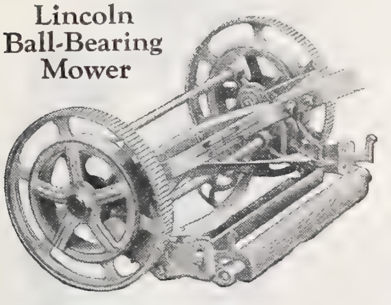


Klifton

10-in. Wheel; 4 Blades

14-in.	$5 75
16-in.	6 00
18-in.	6 25

Lincoln Ball-Bearing Mower



10-in. Wheel; 5 Blades

This machine is made from high-grade material. Its construction, while extremely simple, is very strong and durable. Ball-bearing.

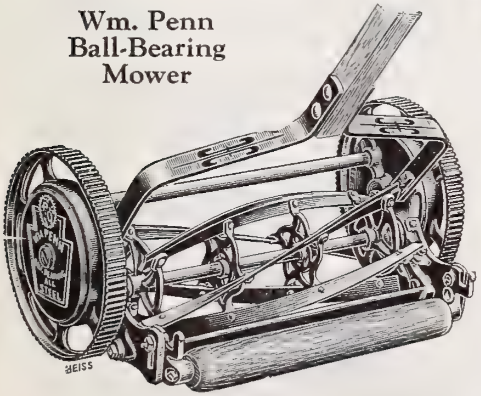
14-in.	$6 00
16-in.	6 25
18-in.	6 75

Orchid Mower

10-in. Wheel; 5 Blades

15-in.	$10 25
17-in.	10 75

Wm. Penn Ball-Bearing Mower



All-Steel Ball-Bearing

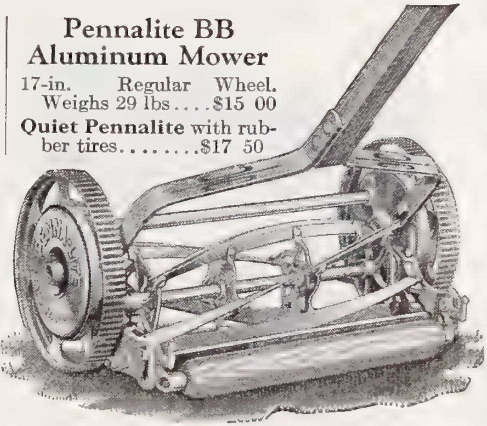
10-in. Wheel; 5 Blades

One size only, 17-in. Mower......$15 00

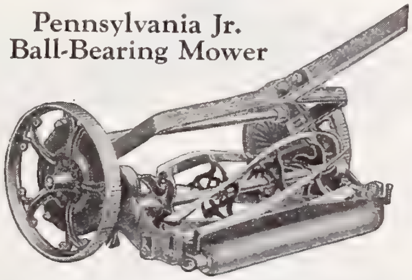
Pennalite BB Aluminum Mower

17-in. Regular Wheel. Weighs 29 lbs....$15 00

Quiet Pennalite with rubber tires........$17 50



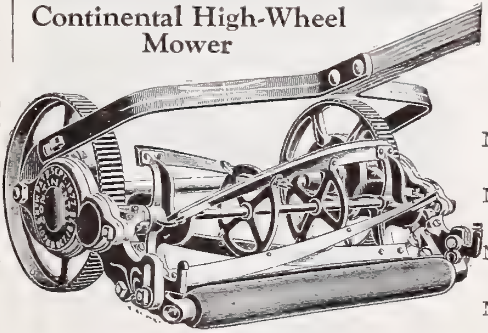
Pennsylvania Jr. Ball-Bearing Mower



Same high-grade construction used in the Pennsylvania High-Wheel and Continental Mower.

15-in.	$18 00	19-in.	$22 00
17-in.	20 00	21-in.	24 00

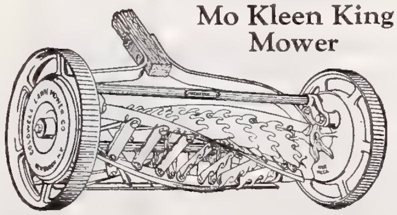
Continental High-Wheel Mower



This very high-grade machine will cut fine grass 2 inches high; also grass 6 to 8 inches. We highly recommend this machine.

15-in.	$18 00
17-in.	20 00
19-in.	22 00

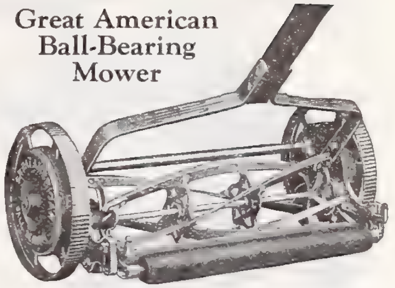
Mo Kleen King Mower



Weed Cutter and Mower Combined

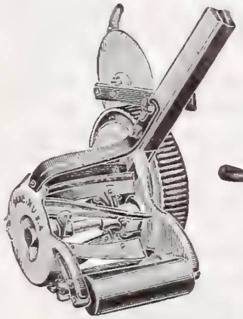
10-in. Wheel ball-bearing, completely enclosed; 4 Blades. 16-in. cut........$17 00

Great American Ball-Bearing Mower



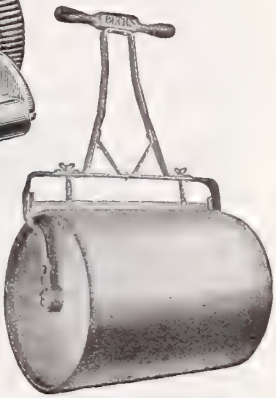
Every detail of this Mower is in keeping with the high grade of the Pennsylvania and Continental. Can be regulated to cut from ⅜ to 1⅜ inches from the ground.

15-in.	$13 50	19-in.	$17 50
17-in.	15 50	21-in.	19 50



Ace Trimmer

Price $7.50



Water Ballast Lawn Roller

No. 601. Drum 14 in. diam.; 24 in. long. Weight, empty, 70 lbs.; filled with water, 175 lbs. ....$12 each

No. 602. Drum 18 in. diam.; 24 in. long. Weight, empty, 85 lbs.; filled with water, 265 lbs....................$14.40 each

No. 603. Drum 24 in. diam.; 24 in. long. Weight, empty, 110 lbs.; filled with water, 420 lbs....................$16.75 each

No. 604. Drum 24 in. diam.; 32 in. long. Weight, empty, 130 lbs.; filled with water, 566 lbs....................$18.75 each

No. 607. Plain bearing, 14 in. diam.; 15 in. long..........................$10 00

Cast-Iron Hand Lawn Roller

Two Sections

No. 504. 20 in. diam.; 20 in. long. Weight, 250 lbs..........................$26 00

No. 507. 20 in. diam.; 24 in. long. Weight, 300 lbs..........................$32 00

No. 509. 24 in. diam.; 20 in. long. Weight, 400 lbs..........................$42 00

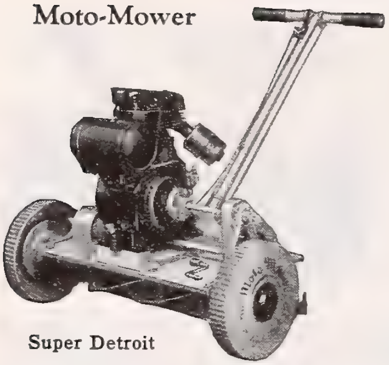
Lawn Mower Repairing and Sharpening

Our well-equipped shop and competent mechanics, that have been repairing and sharpening lawn mowers for years, assure you of a first-class job.

Our Repair Department does not confine its operation to sharpening and repairing lawn mowers only. We are in position to do general repair work and solicit your patronage in other lines of work.

Mowers and Hose

Moto-Mower



Super Detroit

The Moto-Mower offers efficient power-mowing service at a moderate cost.

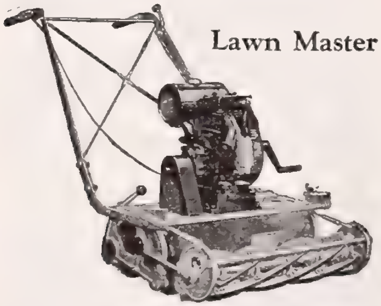
A twist of the wrist controls the power. The power from the engine is transmitted direct to the cutting reel, through jack shaft, chain, and sprocket, the most efficient method of drive known.

It will operate on hills and terraces, and runs an average of eight hours on a gallon of gasoline.

The machine is shipped assembled ready to go to work. Has a fine 4-cycle valve-in-the-head Briggs & Stratton Motor. All parts accurately machined and ground. Splash oil system is used; has no complicated parts in carburetor. 24- and 30-inch mower has clutch for throwing out.

30-in. **Super Detroit,** with Iron Wheels	$300 00
30-in. **Super Detroit,** with 15 x 4½-in. Pneumatic Tires	315 00
24-in. **Standard,** with Pressed Steel Wheels	245 00
24-in. **Standard,** with 14 x 4-in. Pneumatic Tires	260 00
22-in. **City Model,** with Iron Wheels	195 00
21-in. **Junior Model,** with 10 x 3-in. Pneumatic Tires	140 00
19-in. **Junior Model,** with Iron Wheels	113 00
19-in. **Junior Model,** with 10 x 3-in. Pneumatic Tires	120 00
17-in. **Motor Boy Model,** with Rubber-tread Iron Wheels	80 00
30-in. **Super Detroit Heavy Duty,** with 15 x 4½-in. Pneumatic Tires	340 00
2 20-in. Trailer Units, with 10 x 3-in. Pneumatic Tires	90 00
Sulky, with 14 x 4-in. Pneumatic Tires	32 50
Sickle-bar for 24-in. Moto-Mower	52 50
Sickle-bar for 30-in. Moto-Mower	55 00

Lawn Master

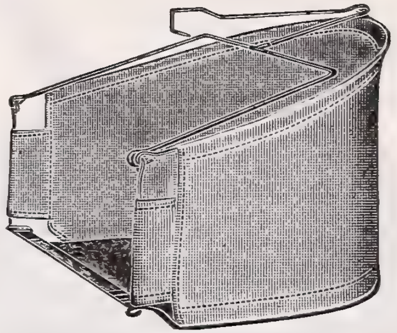


For fine lawns. Safety-tread Rubber Rollers. 6 Crucible Blades. Best made.

25-in. Lawn Master Model	$290 00
30-in. Lawn Master Model	350 00

Send for special **Moto-Mower** Catalogue.

Grass Catcher

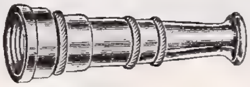


Price, $1.00

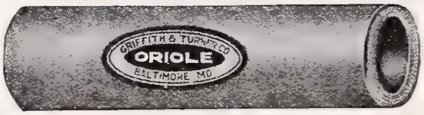
Pennsylvania "New" Fairway Mower

Fairway Trio Mower. Horse-drawn; 30-in. unit; 6 Blades	$350
Fairway Trio Mower. Tractor drawn; 30-in. unit; 6 Blades	$325
Fairway 5-Unit Mower. Tractor or 4-horse hitch	$550

Hose Nozzle



Brass Adjustable............60 cts. each


GRIFFITH & TURNER CO.
ORIOLE
BALTIMORE, MD.

Oriole Garden Hose

Long-lasting, flexible, and will not kink

The rubber used in its construction is a high-grade stock that will not rapidly deteriorate with age. The rubber lining or tube is made seamless and ample strength is given the hose by a braided cotton jacket directly applied by a special machine.

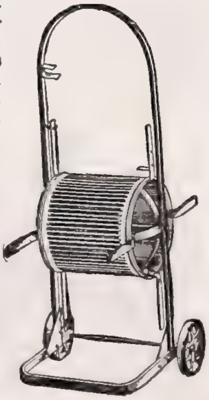
¾-in.	13 cts. per ft.
½-in.	11 cts. per ft.

Gritco Garden Hose

The kind that gives you long service

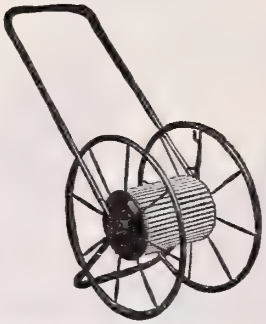
Gritco has features that recommend it to discriminating purchasers. The rubber is seamless and tough and the wall of the hose is reinforced with strong cords, braided on, which are firmly embedded in the rubber and cannot come loose. Gritco Garden Hose is flexible, strong, and long-lasting. ¾-in., 20 cts. per ft.

"Victor" Hose Reel



Constructed with channel steel frame, strong cast-iron wheels, solid steel-reel arms, and 9-inch drum of heavy corrugated steel. Weight, 12½ lbs. Capacity, 100 ft. of ¾-in. rubber hose. $1.50 each.

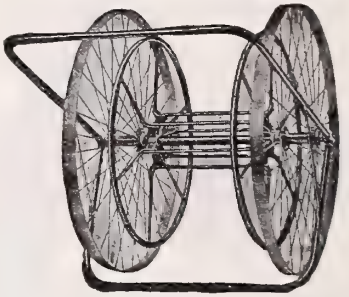
"B" No. 10 Hose Reel



The weight of the hose is borne upon the rims and is not carried on the handle as in other types. Absolutely all-metal tubular steel rims and frame; corrugated galvanized drum. Frame and reel enameled green.

Style "B," No. 10. Diam. of rim, 21 in. Weight, 15 lbs. Capacity, 100 ft. ¾-in. rubber hose..................$4.00 each

Park Hose Reel No. 21



A tubular iron reel and frame mounted on steel wheels with 1⅛-in. tires.

Height of wheels, 28 in.; outside width over all, 26 in.

Weight, 45 lbs.

Capacity, 200 ft. ¾-in. hose; 100 ft. 1-in. hose.........................Price, $15.00

Hose for Spray Pumps

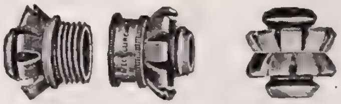
Spray Hose is made especially for spray pumps, being so constructed that spraying solutions have the least possible effect on them.

	Per ft.
½-in. Power Spray Hose	$0 25
½-in. Spray Hose for Hand Pumps	15
⅜-in. Spray Hose for Hand Pumps	15

Garden Hose Coupling

Size, inches	½	¾	1	1½
Complete	$0 20	$0 20	$0 35	$1 00
Female Half	15	15	25	75

Gibbs Hose Mender and Coupling



The convenience of this Mender lies in its simple application. Simply cut the hose apart where a leak occurs, insert the tube, and hammer down the steel fingers.

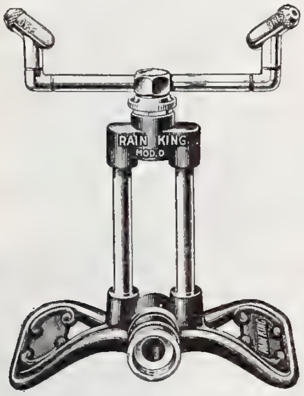
Menders, ¾-in., 10 cts. each; $1.15 per doz.
Couplers, ¾-in., 25 cts. each; $2.75 per doz.

Garden Equipment

Sherman's Brass Hose Clamps

½-in.	5 cts. each
¾-in.	5 cts. each
1-in.	15 cts. each

Model D Rain King



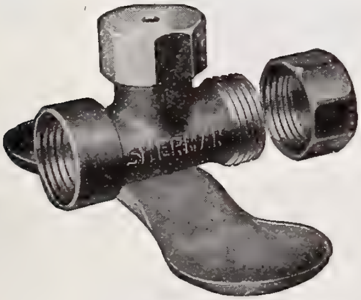
The latest Rain King and the world's greatest sprinkler value. Fitted with latest patent Rain King nozzles which require just a touch to adjust for any spray or direction. Sets quickly to turn fast or slow—or for stationary sprinkling............$2.25 each

Ring Sprinkler

Easily moved over the lawn without turning off the water.

Extra Heavy..................75 cts. each

Sherman Portable Spray Head

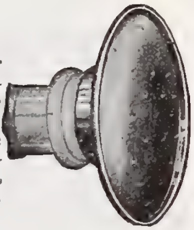


For connecting with hose in series to create a movable and flexible lawn system.

The most effective Spray Head made, and at the lowest price............75 cts. each.

The Fountain Shower

The Hose Nozzle with "Mist-like Spray"

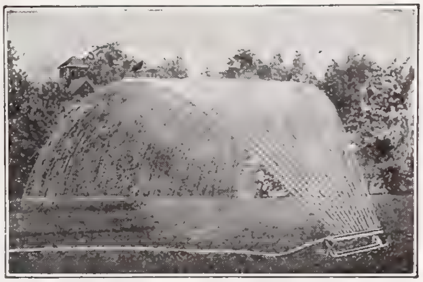


This Shower Sprinkler is the best thing for attaching to the hose to be used like a watering-pot It gives a fine gentle shower and does not injure the plants as a heavy stream might do. Weight, 1 lb. 40 cts.

Double Rotary Lawn Sprinkler

The gentle shower of the Double Rotary Sprinkler distributes water with sufficient force to penetrate to roots of grass, yet does not injure tenderest turf. No surface or subsurface puddling. Covers circular area up to 80 feet (more than 5,000 square feet) or down to 15 feet in diameter, according to pressure. A big water-saver! Scientifically constructed of finest materials. King of its kind for 14 years!

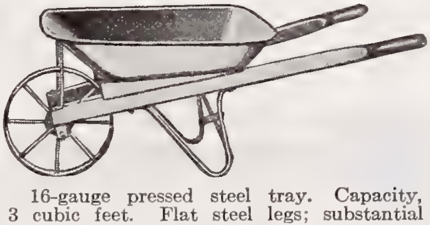
Double Rotary Sprinkler	$12 50
Double Rotary Jr. Sprinkler	7 50



Waterfan Sprinkler

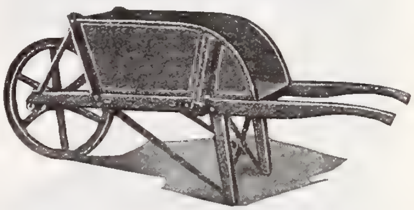
The Waterfan embodies every worthwhile feature of lawn and garden irrigation. Fine gentle sprays, even rain-like distribution, wide coverage, dependability and durability. $15.00 each

Handa Home and Farm Wheelbarrow



16-gauge pressed steel tray. Capacity, 3 cubic feet. Flat steel legs; substantial steel wheel. Weight, 45 lbs. $4.25.

Baltimore Garden Barrows



Made of seasoned wood. Double frames, firmly bolted, iron braced.

No.	Hub	Length	Front Width	Back Width	Wheel	Tread	Price
1. Garden.	19½	30	24	25	21	1½	$9.50
4. Garden.	14⅞	26	19	22	20	1¾	7.50
5. Garden.	14⅞	28	20	24	20	1¾	8.00
67. Greenhouse.		31	15	18	20	2	10.50
Boys' Barrow.		22	15	18	Steel		6.00

6B. Garden Barrow. $5.40.

Steel Wheel for Nos. 4 and 5. 80 cts. additional.

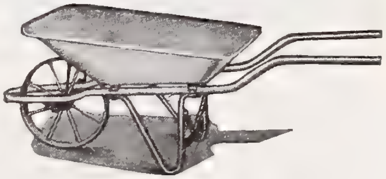
Tire Wheel, 3-in., for Nos. 4 and 5. 60 cts. additional.

Solid Pressed Steel Tray Barrow

No. K5X. Durable Steel Wheel; channel Steel Legs; improved Steel Nose-Guard. Capacity, 4 cubic feet.........$8.00 each

No. 1B. 4-in. Tire Wheel. Capacity, 3 cubic feet.......................$12.00 each

Tubular Frame Solid Pressed Steel Tray Barrow



No. TT4. Tray 15-gauge steel. Capacity, 3 cubic feet. Wheel, 16-in. diam.; tire 1½ x ⅜-in., bored for ⅝-in.; cold rolled steel Axle. For moving earth, ashes, and light work. Weight, 20 lbs.....$8.00 each

No. T5X. Tray 16-gauge steel. Capacity, 4 cubic feet. Mounted on same frame as No. TT4. For general purposes and light running. Will stand hard usage. Weight, 75 lbs.......................$9.25 each

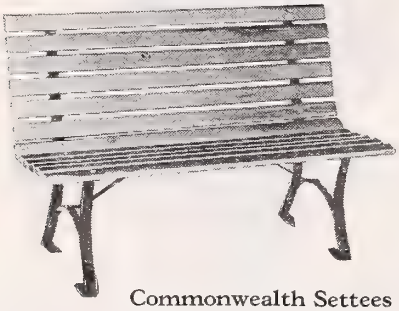
Solid Pressed Steel Tray Coal and Coke Barrow T8

No. T8. Tray of best-quality 15-gauge steel, with wired edge; top of tray, 41½ in. long and 33 in. wide; depth at wheel, 11½ in. and at handle, 8 in. Capacity, 6 cubic feet. Weight, 100 lbs.........$12.00 each

Yard and Garden Necessities

Lawn Settees

The frames are made from strong steel, and the seats and backs from smoothly finished hardwood.



Commonwealth Settees

4-ft. $5 50	5-ft. $6 50

Meadowbrook Settee

Same as Commonwealth, except with arm-rests.

4-ft. $6 25	5-ft. $7 00

Universal Settee

A lighter bench than the Commonwealth.

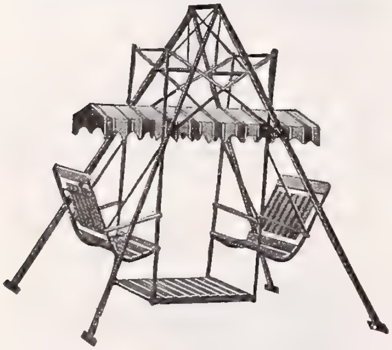
4-ft. $3 25

The Juvenile Settee

A small Settee of good quality. Frame of 1 x 1¼-inch steel. Eight slats ⅞ x 1½ inch, clear yellow pine with flat surfaces and rounded edges. Color, alternate orange and green.

22-in. $1 50	32-in. $1 75

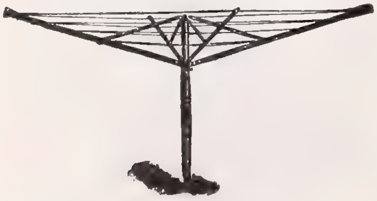
Bausman Steel Lawn Swing



Seat 30 inches wide; back 29 inches high; wooden arm-rests. Height of frame, 7 feet. Floor-space required, 5 x 8 feet. Weight, 150 lbs.

With Canopy	$18 00
Without Canopy	16 00

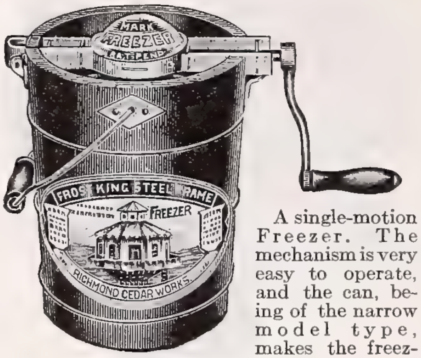
Folding Clothes Dryer



This is the best Folding Dryer to be had. Takes up but little space in yard. Spruce arms and steel post; japanned castings.

Economy Clothes Dryer. 13-ft. spread; 130-ft. rope . . . .$6.00 each

"Frost King" Steel Frame Freezer



A single-motion Freezer. The mechanism is very easy to operate, and the can, being of the narrow model type, makes the freezing very rapid. With first grade white tubs.

4-qt. $4 40	8-qt. $7 30
6-qt. 5 50	

"Snowball" Freezer

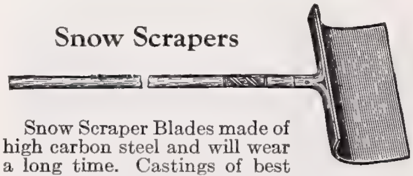
Has three motions: The can revolves from right to left, the outer beater from left to right, the two wood scrapers removing the frozen cream from the sides with the unfrozen cream in the center, and throws all back to the side to be again frozen and removed by the scrapers, producing in about three minutes a very smooth, well-beaten, velvety cream. Virginia white cedar, bound with electric welded wire hoops. Fitted with new cross-bar lock and reinforced cross bar.

2-qt. $3 30	6-qt. $5 95
3-qt. 4 00	8-qt. 7 95
4-qt. 4 85	

2-Quart R C W Freezer

Stamped Steel Frame with cedar Bucket. Weight, 7 lbs. each. . . . .$1.60 each

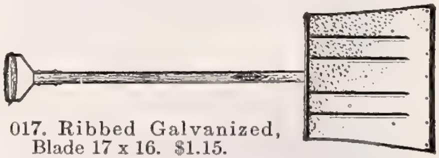
Snow Scrapers



Snow Scraper Blades made of high carbon steel and will wear a long time. Castings of best malleable iron, fastened to blades and handle. Handles of ash, tough, strong, and smoothed. All metal parts given a coat of black paint.

Kohler Scraper. 18-in.	$1 00
24-in.	1 25

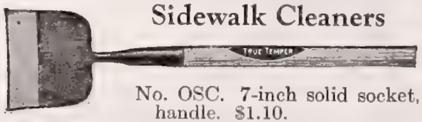
Galvanized Snow Shovel



017. Ribbed Galvanized, Blade 17 x 16. $1.15.

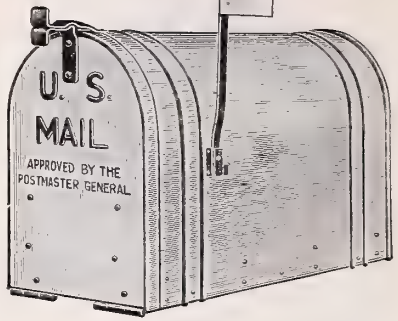
021. Ribbed Galvanized, Blade 21 x 16. $1.30.

Sidewalk Cleaners



No. OSC. 7-inch solid socket, handle. $1.10.

No. 770. 8-inch steel blade. 95 cts.



The Deshler R.F.D. Mail-Box

Top and sides made of 20-gauge galvanized steel; door, 18-gauge galvanized steel with the bottom edge doubling back upon itself for a distance of 3 inches. Fits snugly over the curled edge of opening and is weather-proof. Bottom made of 20-gauge galvanized steel, and false bottom of 22-gauge.

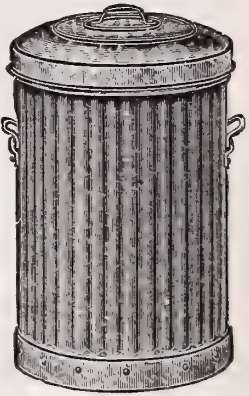
Inside Measurements: length 23⅛ in.; height 13¼ in.; width 11 in.

Weight, 350 lbs. per doz., packed in single cartons. . . . .$2.50 each

Smaller Curb-Delivery Mail-Box. $1.

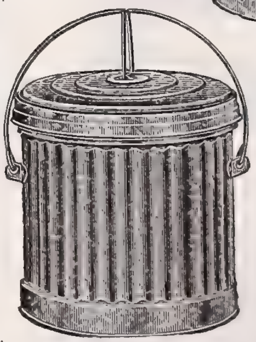
Ash Can

With Cover
Hot Dipped
Water Tight



Heavy Ash Cans

No. 171.	16-gal.	. . . . . .$3.50 each
No. 181.	20-gal.	. . . . . .$4.00 each
No. 191.	24-gal.	. . . . . .$4.50 each
No. 201.	29-gal.	. . . . . .$5.00 each



Garbage Cans

Hot Dipped
Galvanized

No. 311.	4¼-gal.	. . . . 75 cts. each
No. 321.	6-gal.	. . . . 90 cts. each
No. 331.	8½-gal.	. . . . 95 cts. each
No. 341.	10-gal.	. . . . . .$1.10 each

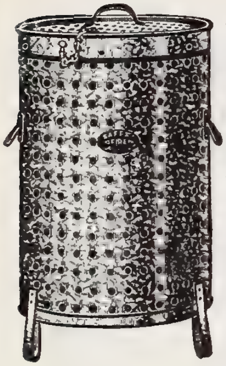
Lighter Ash Cans

No. 76.	13-gal.	$1 25
No. 77.	21-gal.	1 50

Dustproof Coal Ash-Sifter

This Ash-Sifter is made from extra-heavy galvanized sheets heavily wired and braced and equipped with a cover at top which prevents the dust from escaping. The revolving cylinder is made from extra-heavy galvanized wire mesh, operated by handle or crank equipped with wooden grip. The lip at the end of sifter allows the coal to drop directly into the hod. $2.50.

For the Lawn

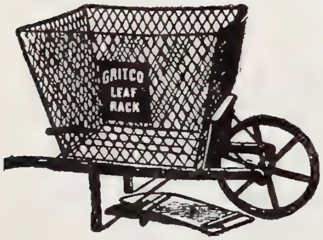


Trash Burner or Consumer

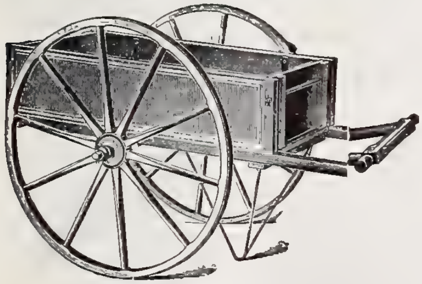
The best way to dispose of your waste-paper and rubbish is to burn it in a Consumer. Avoids danger and helps to keep the yard and lawn clean from litter.

No. 4. 20 in. diam.; 33 in. high	$3.75
No. 3. 17 in. diam.; 28 in. high	$2.90

Wheelbarrow Leaf-Rack Attachment



Can be attached to any style or size wheelbarrow with removable sides. Most convenient for gathering leaves, cut grass, and rubbish. One of these attachments should be in use on every small suburban place, as well as the larger estates. Capacity 10 bus. Made of galvanized wire, bolted to a wooden base. Price $5.00



Baltimore Push-Cart

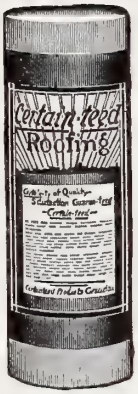
Box, 40 x 22 x 10 in.; tire, 1½ in.; wheel, 36 in.; axle, 1⅛ in.; hub, 6 in. . . $17.50 each
Box, 50 x 28 x 10 .... $23.00 each

Extra Wheels, $4. | Extra Axles, $1.

Water-Trucks and Push-Carts

Water-Truck. With regular 1½-in. Tire Steel or 2½-in. Wood Wheels. Height, 32 in.	$14 50
Water-Truck and Barrel	19 00
Water-Truck and Box	17 50
Water-Truck, Barrel, and Box	22 00
Sprinkling Attachment	5 00
Leaf-Rack	9 50
Barrel	5 00
Box	3 00
Trunnions. Per pair	75
2½-in. Tire Steel Wheels, extra	50
3½-in. Tire Steel Wheels, extra	1 00

Roofing Material

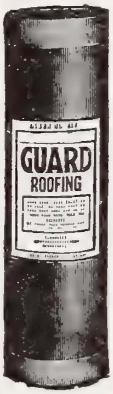


Certain-Teed Roofing

Guaranteed 5, 10, or 15 years for No. 1, 2, or 3 respectively—backed by the responsibility of the world's greatest and biggest roofing and building mills. In the long run it's less expensive to buy Certain-teed.

No. 1. 108 sq. ft.	$1 30
No. 2. 108 sq. ft.	1 70
No. 3. 108 sq. ft.	2 15
No. 4. 108 sq. ft.	2 60

Guard Roofing



GUARD (Special Quality)

This Roofing is offered as a good average-quality product. It will give good service on the roof. Where the highest quality Roofing is not necessary this product is recommended.

No. 1. Light (about 35 lbs. per square)	$1 25
No. 2. Medium (about 45 lbs. per square)	1 65
No. 3. Heavy (about 55 lbs. per square)	2 00

CORPORAL (Competition Quality)

Made to meet price competition. Should be sold only where price is the principal consideration.

No. 1. Light (about 35 lbs. per square)	$1 10
No. 2. Medium (about 45 lbs. per square)	1 45
No. 3. Heavy (about 55 lbs. per square)	1 80

Slate-Surfaced Roll Roofing

Certain-Teed Extra Quality

Blue-Black, Red, or Green. Weight, 90 lbs. Guaranteed 10 years per square. $2.65.

Slater's Felt

Rolls, 500 sq. ft. Weight, 30 lbs. $1 each

Insulating Paper

Rolls, 500 sq. ft. Weight, 35 lbs. $2.25 each

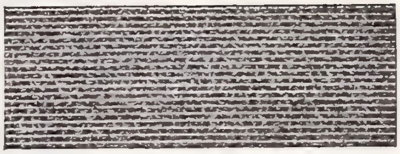
Asphalt Felt

No. 15. Rolls, 432 sq. ft. Weight, 65 lbs. $2.05.
No. 30. Rolls, 216 sq. ft. Weight, 65 lbs. $2.05.

Rosin Size Sheathing Paper

In rolls of 500 square feet each

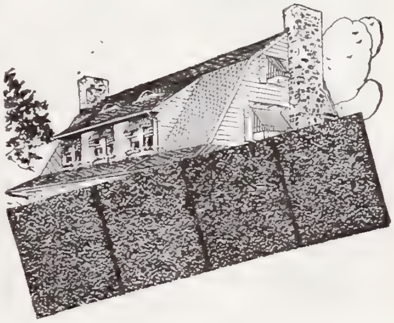
20-lb.	$0 55
30-lb.	83
40-lb.	1 10



Galvanized Steel Corrugated Roofing

Standard 28-gauge open-hearth steel, thoroughly galvanized; 1¼- and 2½-inch corrugations. Made in sheets 26 inches wide; 6, 7, 8, 9, and 10 feet long; 12-foot sheets 25 cts. per square extra. Galvanized Ridge Roll, both in corrugated and plain.

No. 28 Gauge	$4.75 per square.
Ridge Roll, Plain	8 cts. per ft.
Corrugated	10 cts. per ft.

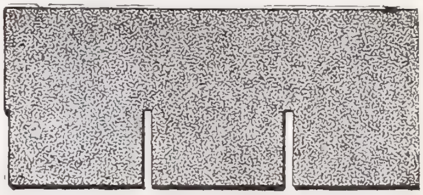


Certain-Teed 4-Width Shingles

Blue-Black, Red, or Green

These Shingles, when properly laid, offer weather protection in all climates. Marked exactly 4 inches from the butt for spacing.

Weight, about 196 lbs. Size, 10 x 36 inches. Put up two packages per square. Guaranteed 10 years. $6.60 per square.



Certain-Teed 4-Tab Strip Shingles

SLATE-SURFACED

Red, Blue-Black, and Green

These Shingles possess all the durability, attractiveness, weather protection, and fire-resisting qualities of the modern asphalt shingle—plus 50 per cent or more saving in the cost of application, because they can be laid so quickly.

Four shingles laid at a time—no spacing—no chalk-line—one-half less nails—one-half less nail holes—four-fifths less cracks—no painting—no repairs. They are waterproofed, with pure refined asphalt. The wearing surface is natural chipped slate in handsome blue-black, red, and green colors. $6.90 per square.

Certain-Teed Hexagonal Shingles

The Certain-teed Hexagonal Slab Shingle is a shingle of beauty and permanence. It is made of highest grade, long-fibered felt, heavily saturated with asphalt, and surfaced with a rugged coat of natural colored crushed slate. This surface cannot fade but will always add the same pleasing touch of color to your home.

Blue-Black, Red, or **Green** .... $5.50 per square.

G. & T. Co.'s Paint

We offer a scientifically machine-made Paint based on a formula that has been improved until we can unhesitatingly recommend it to the most exacting user. Paint not only preserves your buildings but it adds many dollars to their value. No one can afford to let his buildings stand unpainted, when it is possible to keep them in perfect condition with G. & T. Co.'s high-grade Paints, which we offer to you at a very reasonable price.

G. & T. Co.'s House Paint

	Qt.	½-gal.	Gal.
No. 100 Outside White	$0 82	$1 51	$2 75
No. 101 Inside Flat White	82	1 51	2 75
No. 102 Inside Gloss White	82	1 51	2 75
No. 103 Ivory	81	1 48	2 70
No. 104 Cream	81	1 48	2 70
No. 105 Light Buff	81	1 48	2 70
No. 106 Medium Buff	81	1 48	2 70
No. 107 Light Blue	81	1 48	2 70
No. 108 Tan	81	1 48	2 70
No. 109 Light Gray	81	1 48	2 70
No. 110 Medium Gray	81	1 48	2 70
No. 111 Battleship Gray	81	1 48	2 70
No. 112 Lettuce-Green	81	1 48	2 70
No. 113 Window-Blind Green	87	1 61	2 95
No. 114 Bungalow Brown	81	1 48	2 70

G. & T. Co.'s Quick-Drying Enamel

	½-pt.	Pt.	Qt.	½-gal.	Gal.
No. 300 White	$0 33	$0 52	$0 91	$1 69	$3 10
No. 301 Cream	33	52	91	1 69	3 10
No. 302 French Gray	33	52	91	1 69	3 10
No. 303 Apple-Green	33	52	91	1 69	3 10
No. 304 Dark Green	33	52	91	1 69	3 10
No. 305 Brilliant Red	33	52	91	1 69	3 10
No. 306 Rich Orange	33	52	91	1 69	3 10
No. 307 Jade-Green	33	52	91	1 69	3 10
No. 309 Black	33	52	91	1 69	3 10
No. 310 Ivory	33	52	91	1 69	3 10

G. & T. Co.'s Quick-Drying Porch and Deck Enamel

	Qt.	½-gal.	Gal.
No. 500 Light Gray	$0 94	$1 74	$3 20
No. 501 Dark Gray	94	1 74	3 20
No. 502 Brown	94	1 74	3 20
No. 503 Dust	94	1 74	3 20

G. & T. Co.'s Universal Varnish

	½-pt.	Pt.	Qt.	½-gal.	Gal.
No. 650	$0 40	$0 68	$1 20	$2 26	$4 25

G. & T. Co.'s Floor Varnish

	½-pt.	Pt.	Qt.	½-gal.	Gal.
No. 550	$0 33	$0 52	$0 91	$1 69	$3 10

G. & T. Co.'s Flat Wall Paint

	Qt.	½-gal.	Gal.
No. 200 White	$0 64	$1 15	$2 00
No. 201 Ivory	64	1 15	2 00
No. 202 Ecru	64	1 15	2 00
No. 203 Cream	64	1 15	2 00
No. 204 Light Buff	64	1 15	2 00
No. 205 Medium Buff	64	1 15	2 00
No. 206 Turquoise Blue	64	1 15	2 00
No. 207 French Gray	64	1 15	2 00
No. 208 Nile-Green	64	1 15	2 00

G. & T. Co.'s Interior Gloss Paint

	Qt.	½-gal.	Gal.
No. 150 Ivory	$0 86	$1 59	$2 90
No. 151 Green	86	1 59	2 90
No. 152 Buff	86	1 59	2 90
No. 153 French Gray	86	1 59	2 90
No. 154 White	86	1 59	2 90

G. & T. Co.'s Quick-Drying Varnish Stain

	½-pt.	Pt.	Qt.	Gal.
No. 400 Light Oak	$0 27	$0 41	$0 67	$2 15
No. 401 Dark Oak	27	41	67	2 15
No. 402 Mahogany	27	41	67	2 15
No. 403 Walnut	27	41	67	2 15

G. & T. Co.'s Aluminum Paint (Paste)

	Qt.	Gal.
No. 700 Aluminum	$1 13	$4 00

G. & T. Co.'s Barn and Roof Paint

	1-gal. can	5-gal. can per gal.
No. 600 Red	$1 55	$1 50
No. 601 Brown	1 55	1 50

Shingle Stain

	1-gal. can	5-gal. can per gal.
No. 1 Bungalow Brown	$1 35	$1 30
No. 2 Weather Brown	1 35	1 30
No. 4 Moss-Green	1 55	1 50
No. 5 Sylvan Green	1 55	1 50
No. 6 Silver-Gray	1 90	1 85
No. 9 Light Green	1 55	1 50

Shellac

Pure; cut in alcohol

	Pt.	Qt.	½-gal.	Gal.
No. 931 Orange	$0 40	$0 75	$1 20	$2 10
No. 932 White	45	80	1 35	2 50

Asphalt Roof Coating

1-gal. can 55 cts.; 5-gal. can $2.15; 50-gal. bbl. $18.15.

Asbestos Roof Coating

1-gal. can 55 cts.; 5-gal. can $2.15; 50-gal. bbl. $18.15.

Plastic Cement

Leaks in new or old roofs of wood, metal, slate, tile or prepared roofing may be repaired quickly, easily and permanently with Certain-teed Plastic Cement. It is excellent also for flashing around chimneys, metal cornices, and skylights; for relining old gutters and metal valleys; and for use at all other points where there are leaks, holes, breaks, or cracks caused by contraction or expansion, or where the material has worn out or broken away.

1-lb. pkg.	$0 12
5-lb. pkg.	40
10-lb. pkg.	70
25-lb. pkg.	1 50
50-lb. pkg.	$2 65
280-lb. pkg.	10 85
480-lb. pkg.	18 00

PAINT BRUSHES

VARNISH BRUSHES

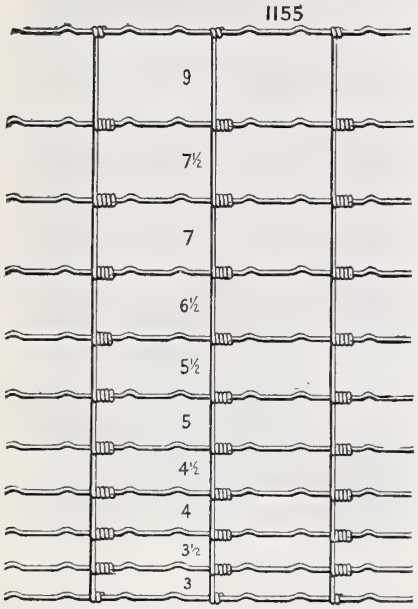
Harmony Varnish. 1-in.	$0 15
1½-in.	25
2-in.	30
Loyal Varnish. 2-in.	35
2½-in.	45
3-in.	65
Stag Varnish. No. 1	30
No. 2	40
Stag Varnish. No. 3	$0 55
No. 4	70
No. 5	90
Sash. No. 2	15
No. 4	20
No. 6	30
No. 10	50

WALL BRUSHES

Ching Wan. 3-in.	$0 60
3½-in.	85
4-in.	1 10
O. K. Diamond. 4-in.	$2 25
Diamond. 4-in.	2 00

Field and Lawn Fence

General-Purpose Fence



Our Steel and Wire Company steadily maintains a quality so high that its Fence has always been a standard by which good Fence is judged. As a result of this policy, the first small building has grown into an immense plant covering many acres. This Fence has been serving its owners honestly and faithfully for many years. To you we offer a long-time investment that will pay dividends in service and utility long after ordinary Fence has passed into discard.

Style No.	Height inches	Approx. Weight per rod, lbs.	1-foot Stays, per rod	Approx. Weight per rod, lbs.	6-in. Stays, per rod
1155	55	12.2	$0.56	16.7	$0.79
1047	47	10.9	.50	14.8	.71
939	39	9.7	.45	13.1	.62
832	32	8.6	.40	11.4	.54
726	26	7.5	.36	9.8	.46

Actual Size of Wires

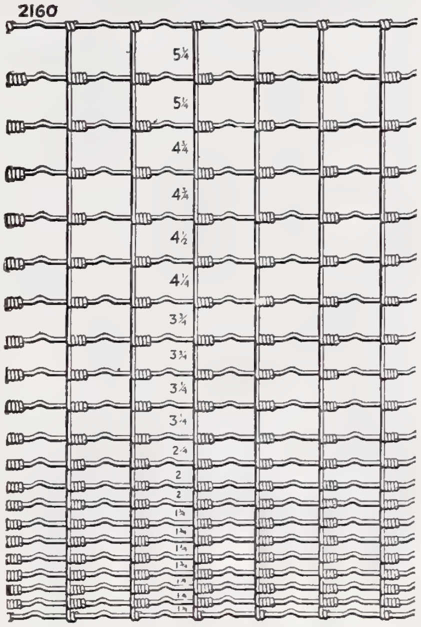
Top Bar	9
Bottom Bar	9
Intermediate Bars	11
Stays	11

Cattle Fence

An ideal Horse and Cattle Fence and used largely for division Fences. The stays are 1 foot apart, and we do not recommend its use for hogs. The top bar is No. 9, the bottom No. 9, the intermediate bars No. 11, and the stays No. 11 wire.

Style Number	Height inches	12-in. Stays Approx. Weight per rod, lbs.	Per rod
949	49	10.3	$0.52
845	45	9.3	.47
635	35	7.2	.37

Poultry and Garden Fence

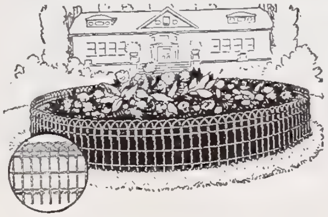


An ideal Fence against poultry and small animals. The spacing is graduated from 1⅛ inches at the bottom to 5½ inches at the top, as shown by the illustration, and the distance between the stays or uprights is 6 inches. It is a great favorite. Furnished regularly in rolls containing 10 rods or 165 lineal feet.

Style No.	Distance Between Stays	Height inches	Approx. Weight per rod	Per rod
2371	6	73	11.4	$0.75
2160	6	58	10.3	.68
1949	6	48	9.2	.62
1635	6	35	7.6	.50

Actual Size of Wires

Top Wire	11
Bottom Wire	11
Intermediate Wires	14½
Stay Wires	14½

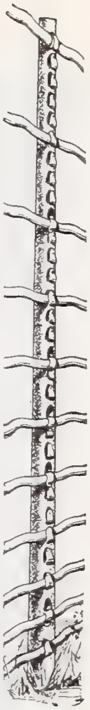


Perfection Flower Bed Guard

Stands 1½ and 1 foot above ground, with 3 cables of two No. 13 wires. Has No. 9 crimped uprights. All heavy galvanized pickets project for insertion in ground. Requires no posts. Can be cut to length to any bed. It provides protection against dogs and chickens.

	Per ft.
1½ ft. above ground	$0 08
1 ft. above ground	10

Galvanized Steel Fence Posts

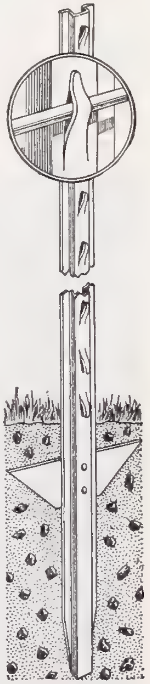


These Posts are neat, strong, durable, and easy to erect. They will give you much more and better service than can be expected of wood Posts because, all being alike in size and quality of material, you get benefit of every Post in the fence from year to year, while wood Posts rot and decay. The line Posts are strong enough to hold up any wire fencing, and furnish all necessary resistance. The end and corner Posts are so strong that they will maintain any wire fence made.

Nos.	Length feet	Approx. weight lbs.	Per Post
14½ Line Post	5	7.6	$0 49
14½ Line Post	6	9.1	59
14½ Line Post	6½	9.8	63
14½ Line Post	7	10.6	69
14½ Line Post	8	12.1	76
Junior End Post	6		1 40
Junior End Post	8		1 85
Jr. Corner Post	6		2 05
Jr. Corner Post	8		2 75
Ball Top for Posts			20
Driving Caps for Line Posts			50

Sweet's Steel Fence Posts

This Year's Best Seller



A special high-carbon-steel Post of extreme rigidity. The design of these Posts is a flanged leg channel section which assures maximum strength. In addition to actual tests for strength to withstand the maximum bending strains of heavy weights and wind-loads, these Posts are further satisfying a need apparent to engineers, builders, manufacturers, and property owners, for superior strength, attractive appearance, maximum durability, and unequaled economy.

These Posts are heartily recommended for use with field fences of all types—poultry, garden, arbor, residences, and estates.

No. 3 Sweet's Line Post with Ground Plate

Length	Weight, lbs.	Price
3 ft.	3.36	$0 18
5 ft.	6.20	32
6 ft.	7.32	38
6½ ft.	7.88	40
7 ft.	8.44	43
7½ ft.	9.00	46
8 ft.	9.56	49
9 ft.	10.68	55
10 ft.	11.80	62

No. 3 End Posts

6 ft.	19.75	$1 50
7 ft.	22.26	1 60
8 ft.	24.50	1 71
10 ft.	29.00	1 94

No. 3 Corner and Two-way Brace Posts

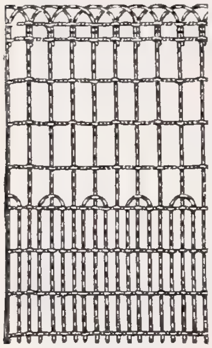
Length	Weight, lbs.	Price
6 ft.	32.00	$2 60
7 ft.	35.64	2 76
8 ft.	39.00	2 94
10 ft.	45.75	3 29

Lawn Fence and Gates

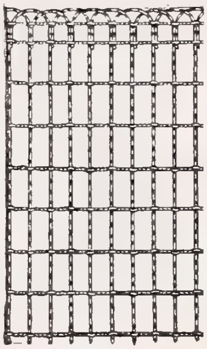
Lawn Fence

Our Lawn Fence harmonizes with its surroundings and adds dignity and a feeling of privacy to your dwelling. Its construction is such that there is no foothold for children to climb over and it is dog-, cat-, and chicken-proof.

Lawn Fence is made of No. 9 heavy galvanized wire, spacing between uprights at the bottom being 1⅜ inches, and at the top 2⅞ inches. The cables are of heavy galvanized wire, spaced about 6 inches apart, except the two at top, which are spaced 2¼ inches apart. Furnished regularly in rolls of 200 feet. Any length cut to order.



Perfection



Economy

Perfection

	Our price per ft.
Height 36 in.	$0 13
Height 42 in.	14
Height 48 in.	16

Economy

	Our price per ft.
Height 36 in.	$0 09¼
Height 42 in.	10¼
Height 48 in.	11½
Height 60 in.	16

200 feet to a roll

Galvanized Gate Hinges and Latches

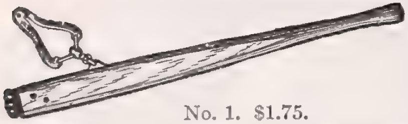
	O. D.	
No. H1. Walk Gate Hinge Eye	1⅝ in.	$0 30
No. H3. Walk Gate Hinge Eye	1⅛ in.	25
No. H7. Post Hinge Hook	2 in.	50
No. H9. Heavy Post Hinge Hook	2½ in.	75
No. C105. 2-Way Latch	2½ in.	75
No. C102. 2-Way Complete Latch	2 in.	50
Pig-Ear Latch	2 in.	80
Pig-Ear Latch	2½ in.	90
Spring Latch for Walk Gate		60
Spring Latch for Drive Gate		65

Trellis

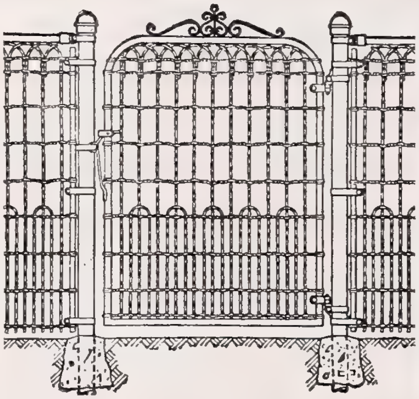
This Trellis carries the general style of Perfection Fencing. It is extremely strong, embracing beauty and adaptability. Cut in any length desired.

	Per ft.
Width 18 in.	$0 08
Width 24 in.	09

Wire Stretcher



No. 1. $1.75.



Perfection Gates

Frames are made of high-grade heavy steel tubing, galvanized. Filling of these Gates is the regular Perfection Fence Fabric, described in first column, and as shown by illustration the Gates have ornamental scroll tops. In giving the dimensions of Gates, state first the height, and then the width. The width of these Gates means the distance between the posts. The factory makes proper allowance for hinges and latch.

Walk Gates

Ht.	Width	
36 in.	3 ft.	$3 20
42 in.	3 ft.	3 30
48 in.	3 ft.	3 45
36 in.	3½ ft.	3 30
42 in.	3½ ft.	3 45
48 in.	3½ ft.	3 55
36 in.	4 ft.	3 45
42 in.	4 ft.	3 55
48 in.	4 ft.	3 70

Single Drive Gates

Ht.	Width	
36 in.	8 ft.	$7 60
42 in.	8 ft.	7 75
48 in.	8 ft.	7 90
36 in.	10 ft.	8 85
42 in.	10 ft.	9 05
48 in.	10 ft.	9 20
36 in.	12 ft.	10 15
42 in.	12 ft.	10 30
48 in.	12 ft.	10 50

Double Drive Gates

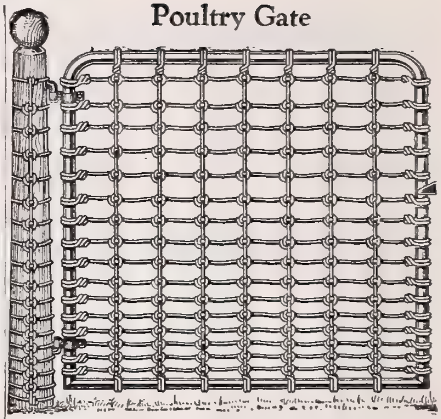
Ht.	Width	
36 in.	8 ft.	$7 30
42 in.	8 ft.	7 60
48 in.	8 ft.	7 75
36 in.	10 ft.	8 65
42 in.	10 ft.	8 85
48 in.	10 ft.	9 00
36 in.	12 ft.	9 85
42 in.	12 ft.	10 05
48 in.	12 ft.	10 25

"Cottage" Lawn and Garden Fence

This fencing is strong enough for large animals, and small ones cannot pass through the fine meshes.

	Per rod
Height 24 in.	$0 90
Height 36 in.	1 35
Height 48 in.	1 75
Height 60 in.	2 19
Height 72 in.	2 62

Poultry Gate



The Gate for poultry enclosures where a small opening is desired. Wires are spaced close enough to hold back the smallest chicks. Frames are of 1 1/16-inch tubular steel with 12½-gauge galvanized filler.

Distance between posts—3½ ft.

Height 48 in.	$3 50
Height 58 in.	3 75
Height 72 in.	5 30

General-Purpose Farm Gates

Frame is heavy 1¼-inch outside dimension tubing. The wire filling is heavy galvanized No. 9 Woven Wire. Frames are galvanized, and electrically welded at the joints, thus insuring a Gate that will not sag or twist out of alignment. In addition, the Gates are strengthened by internal braces. The fabric is actually woven into the frame and not simply tied in with a lace wire.

	Distance between posts	
Height	10 ft.	12 ft.
48 in.	$8 55	$9 75
54 in.	9 00	10 25

Barbed Wire

Write for prices

Diamond Mesh Poultry Netting

The wire we offer is No. 20, double twist, 2-inch mesh, thoroughly galvanized after weaving. Sold in bales of 150 running feet.

			Per bale
No. 20	12 in. wide	150 sq. ft.	$1 10
No. 20	18 in. wide	225 sq. ft.	1 50
No. 20	24 in. wide	300 sq. ft.	1 90
No. 20	36 in. wide	450 sq. ft.	2 50
No. 20	48 in. wide	600 sq. ft.	3 40
No. 20	60 in. wide	750 sq. ft.	4 20
No. 20	72 in. wide	900 sq. ft.	5 00

Price 1½ cts. per square foot in less than bale lots.

Staples for fastening, 10 cts. per pound.

	1-inch Mesh		Per bale
No. 20	12 in. wide	150 sq. ft.	$2 25
No. 20	18 in. wide	225 sq. ft.	3 25
No. 20	24 in. wide	300 sq. ft.	4 20
No. 20	36 in. wide	450 sq. ft.	6 09
No. 20	48 in. wide	600 sq. ft.	7 87
No. 20	60 in. wide	750 sq. ft.	9 80
No. 20	72 in. wide	900 sq. ft.	11 80

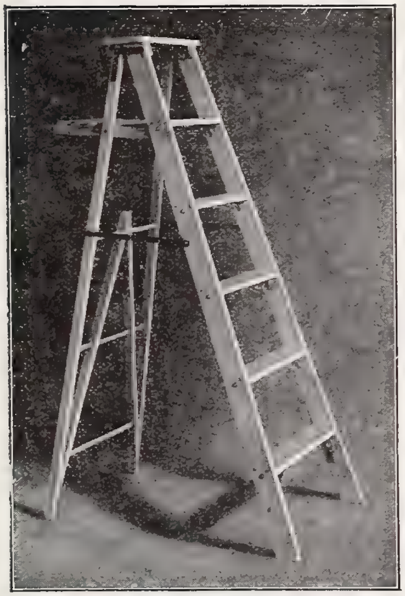
Price 2½ cts. per square foot, cut lengths.

Galvanized Steel Wire Cloth

Made from heavy wire thoroughly galvanized after weaving. Used largely in corn cribs to make them mice- and rat-proof, also for sieves and fan screens and over windows for protection.

		Full rolls	Less than full rolls
2 x 2-in. mesh	per sq. ft.	$0 04¼	$0 05
3 x 3-in. mesh	per sq. ft.	04½	05½
4 x 4-in. mesh	per sq. ft.	04¾	06

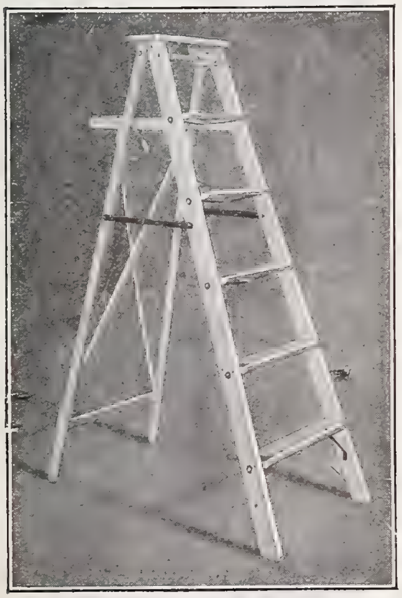
Tilley Step-Ladders



Tilley Trojan Step-Ladder

For all uses; light, strong and stiff. A combination cold-rolled steel knee, tie and angular brace under end of each step, which forms a positive tie support and angular brace. Pail-rests on all Trojan Ladders. The favorite with painters, janitors, and for general household duty.

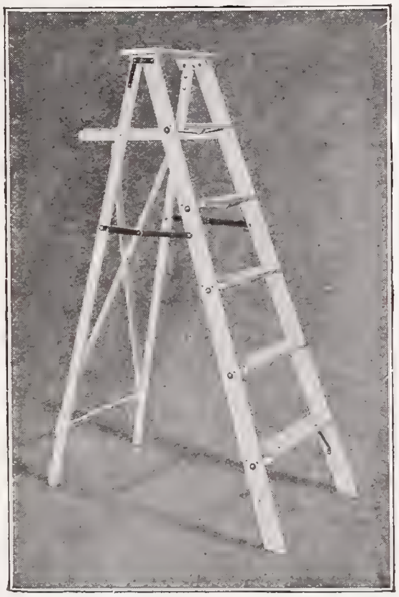
3-ft.	$1 70	8-ft.	$4 50
4-ft.	2 25	10-ft.	5 65
5-ft.	2 85	12-ft.	6 75
6-ft.	3 40		



National Step-Ladder

Every step supported by ¼-inch rods and truss block with diagonal steel braces.

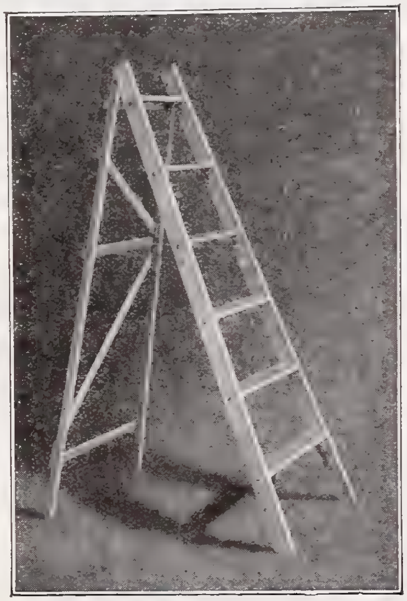
4-ft.	$1 25	8-ft.	$2 50
5-ft.	1 60	10-ft.	3 20
6-ft.	1 90		



Tilley Mohawk Step-Ladder

Made from selected material. Full rodded and trussed. Equipped with steel top hinges and side hinges as shown above.

4-ft.	$1 70	8-ft.	$3 35
5-ft.	2 10	10-ft.	3 75
6-ft.	2 50		



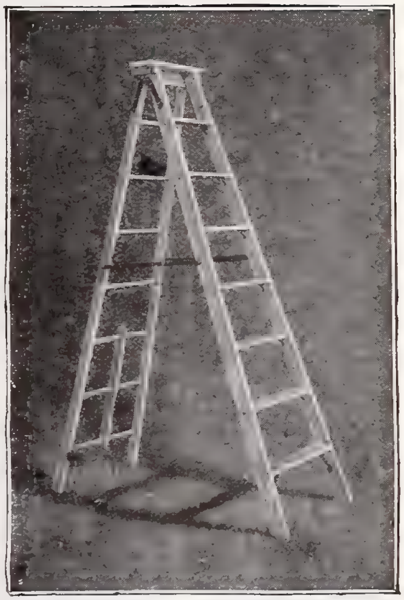
Tilley Decorator's Step-Ladder

This Ladder is for paper-hangers, painters, and interior decorators. Made of spruce material, approved specifications.

4-ft.	$2 00	10-ft.	$5 00
5-ft.	2 50	12-ft.	6 00
6-ft.	3 00	14-ft.	8 05
8-ft.	4 00	16-ft.	9 20

No. 1 Competition Step-Ladder

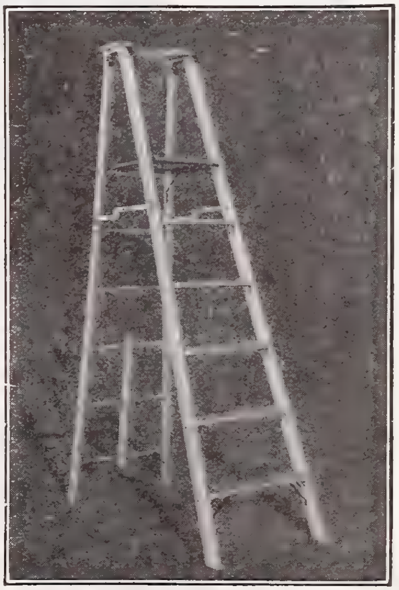
4-ft.	$0 90	6-ft.	$1 35
5-ft.	1 13	8-ft.	1 80



Tilley Electrician's Step-Ladder

A combination Step-ladder and Trestle. Just the Ladder for electricians, plumbers, and mill-work. Built to give real service. It has malleable iron top hinges. The rounds in the back are 1⅛ inches in diameter.

4-ft.	$2 90	12-ft.	$8 70
5-ft.	3 65	14-ft.	12 25
6-ft.	4 35	16-ft.	14 00
8-ft.	5 80	18-ft.	18 00
10-ft.	7 25	20-ft.	20 00

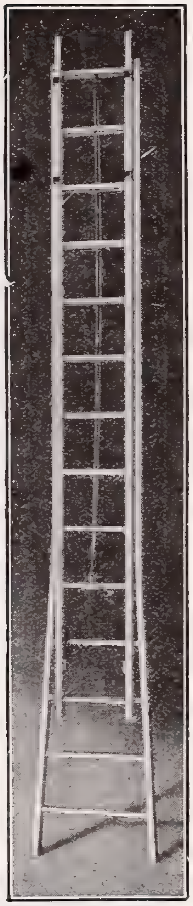


Platform Step-Ladders

No. 6.	4 ft. to platform	$9 50
No. 8.	6 ft. to platform	12 00
No. 10.	8 ft. to platform	14 50
No. 12.	10 ft. to platform	17 00
No. 14.	12 ft. to platform	19 50
No. 16.	14 ft. to platform	22 00

Only One Best Line of Ladders—Tilley

Single Ladder


Liberty Extension Ladder

Liberty Extension Ladder

This is a good hemlock Extension Ladder for general purposes. Equipped with rope-hoist, malleable locks securely bolted to side. Side-rails of air-dried select material. Regularly made with spread bottom.

20-ft. (two 10-ft. sections, extends to 17 ft.)	$8 35
24-ft. (two 12-ft. sections, extends to 21 ft.)	10 00
28-ft. (two 14-ft. sections, extends to 25 ft.)	11 75
30-ft. (two 15-ft. sections, extends to 27 ft.)	12 50
32-ft. (two 16-ft. sections, extends to 29 ft.)	13 40
36-ft. (two 18-ft. sections, extends to 33 ft.)	15 30
40-ft. (two 20-ft. sections, extends to 36 ft.)	17 00
Ladder Locks. Per pair	1 75

Single Ladders

10-, 12-, 14-, 16-ft., per ft.	$0 30
18-, 20-, 22-ft., per ft.	32
24- and 26-ft., per ft	35
Ladder Rungs, each	12

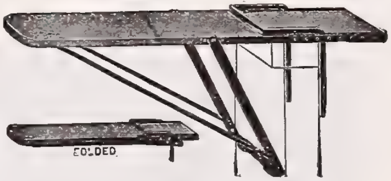
For PAINTS, see page 60.

Spring-Lock (Spruce) Extension Ladder

For painters, tinsmiths, carpenters, mills, farming, and general use. Side-rails of thoroughly air-dried selected material. Rungs are selected ash and hickory, with minimum diameter of $1\frac{3}{16}$ inches. All equipped with rope-hoist and two improved automatic spring locks of soft malleable and cold-rolled steel, securely bolted to the side-rails.

This is the universal favorite on account of its quick, positive action.

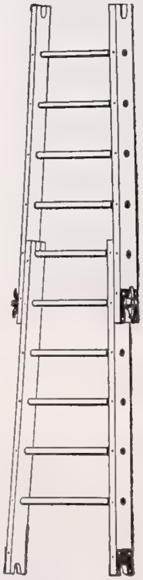
20-ft. (two 10-ft. sections, extends to 17 ft.)	$8 85
24-ft. (two 12-ft. sections, extends to 21 ft.)	10 60
28-ft. (two 14-ft. sections, extends to 25 ft.)	12 40
30-ft. (two 15-ft. sections, extends to 27 ft.)	13 25
32-ft. (two 16-ft. sections, extends to 29 ft.)	14 25
36-ft. (two 18-ft. sections, extends to 33 ft.)	16 80
40-ft. (two 20-ft. sections, extends to 36 ft.)	18 75
44-ft. (two 22-ft. sections, extends to 40 ft.)	21 75
48-ft. (two 24-ft. sections, extends to 44 ft.)	29 60
52-ft. (two 26-ft. sections, extends to 47 ft.)	32 10
54-ft. (three sections, with locks and rope on top section)	36 25
64-ft. (three sections, with locks and rope on top section)	40 00
Ladder Locks. Per pair	2 50



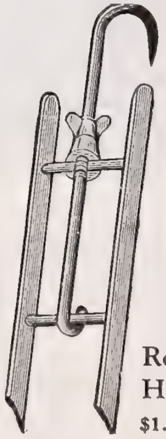
Window Bracket

No. 1. 4 ft. 4 in.	$5 65
No. 2. 6 ft.	7 00

Tilley Sectional Ladder

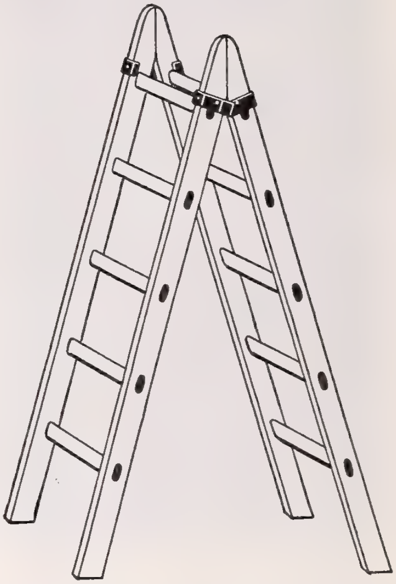


Made in 6-foot sections, each end protected with iron plates and equipped with large bolts with thumb-nuts, making them safe and durable. Hickory rungs. Sections 6 ft. 5 in. $3.25


Roof Hook

$1.15

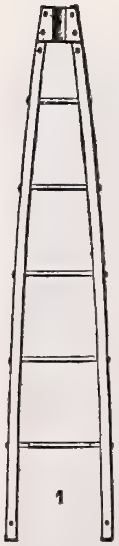
Tilley Painter's Trestles



Strong and light. Made in all sizes from 6 to 14 feet.

6-ft.	$4 80	12-ft.	$9 60
8-ft.	6 40	14-ft.	11 20
10-ft.	8 00		

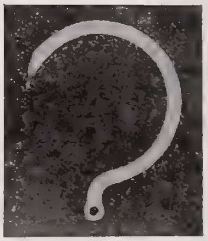
Tilley Window-Cleaners' Ladder



A very convenient Ladder for window-cleaning purposes or where a Ladder has to be carried from one place to another. It is made in sections, which makes it convenient to handle. All sections are fitted into each other.

These Ladders are made in 6-foot lengths.

Top section	$2 50
No. 2. Middle section	2 25
No. 3. Bottom section, 6 ft. 3 in.	2 25



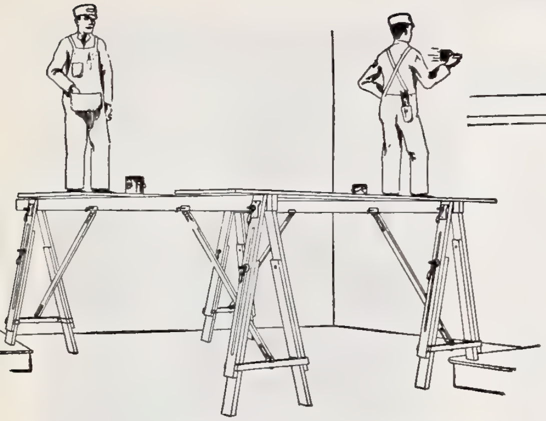
Roof and Gutter Hook

For hanging swinging stages or can be used for many other purposes; strong and durable.

20¾ x 27 in.	$6 00
27 x 37 in.	10 50
32 x 44 in.	12 50

Tie-back Rings. 55 cts. extra.

Tilley Jacks and Stages

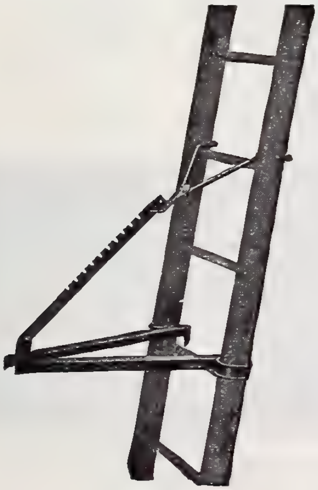


Adjustable Scaffold Jacks

With wing nut clamps

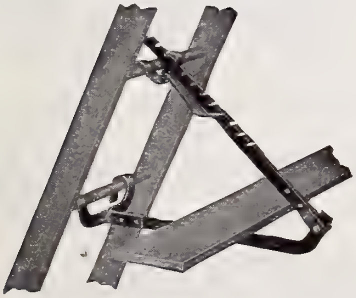
To properly scaffold a room, it requires 4 Jacks on which planks can be laid, thus giving a safe platform to work on.

No. 6. 4-ft. (extends to 6 ft.)	$5 60
No. 7. 5-ft. (extends to 8 ft.)	6 25
No. 8. 6-ft. (extends to 9½ ft.)	7 00
No. 9. 7-ft. (extends to 11 ft.)	7 50
No. 15. 8-ft. (extends to 12½ ft.)	9 50
No. 16. 10-ft. (extends to 16 ft.)	13 75
No. 17. 12-ft. (extends to 20 ft.)	16 25
Adjustable Scaffold Jack Iron Brackets. Set of 4	2 00



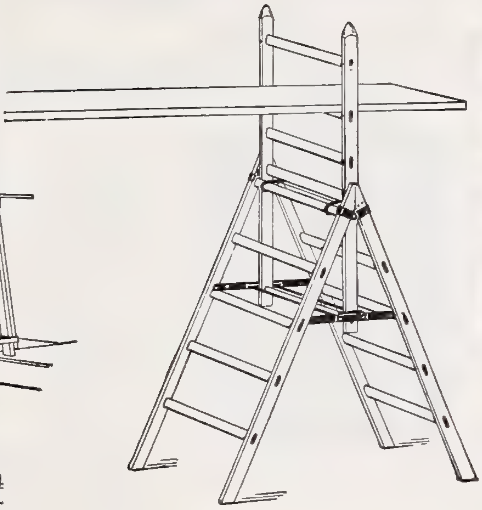
Cleveland Safety Ladder Jack

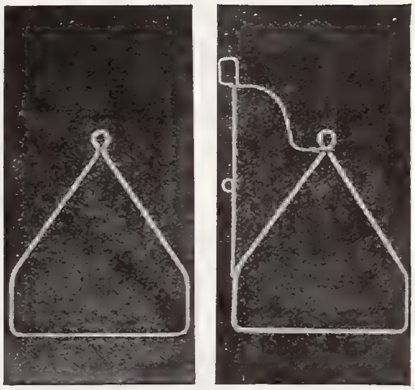
$5 per pair



Bettcher Ladder Jack

$3.50 per pair



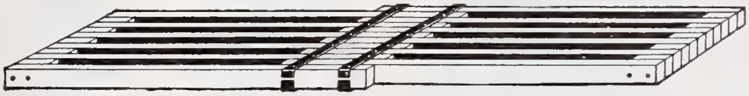


Triangles for Guard Rail

20½-in. Per pair	$6 25
20½-in. Plain. Per pair	4 50

Extension Trestles

6-ft. (extending to 10 ft.)	$10 00
8-ft. (extending to 14 ft.)	12 50
10-ft. (extending to 18 ft.)	15 00
12-ft. (extending to 22 ft.)	17 50
14-ft. (extending to 26 ft.)	20 00
16-ft. (extending to 30 ft.)	22 50
Cross Braces. Per pair	2 60



Extension Planks

These adjustable Planks are used by painters and decorators and are now a part of their equipment.

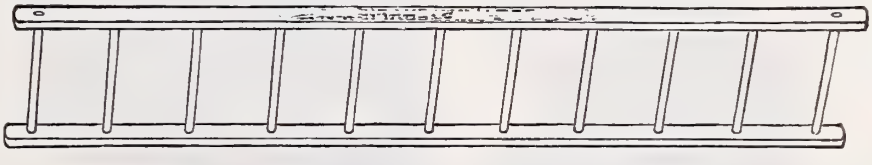
6-ft. (two sections, extends to 10 ft.)	$5 00
8-ft. (three sections, extends to 14 ft.)	6 75
10-ft. (three sections, extends to 18 ft.)	8 15

Blocks and Falls, see page 75.

Swinging Stage Platform

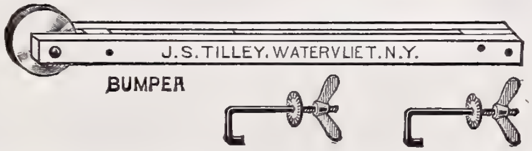
Our Painters' Scaffolds are made from seasoned and selected stock.

	Without floor	With floor	Tooth-pick stage
10-to 16-ft.	$0 55 per ft.	$0 78 per ft.	$0 63 per ft.
18-to 22-ft.	63 per ft.	88 per ft.	70 per ft.
24-to 30-ft.	70 per ft.	1 00 per ft.	75 per ft.



Mason or Bricklayers' Ladder

16-, 18-, and 20-ft.	$0 40 per ft.
22- to 30-ft.	45 per ft.

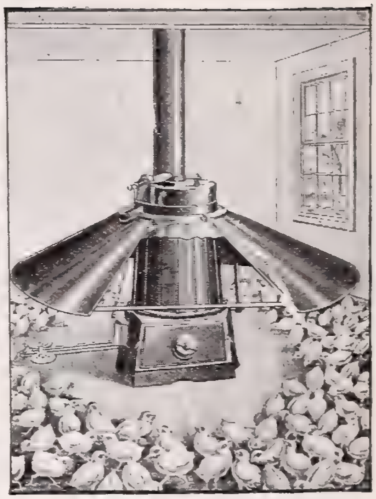

J. S. TILLEY. WATERVLIET. N.Y.
BUMPER

Bumpers

Bumpers for stages, without hooks, per pair	$2 00
Bumper Hooks, with nuts and washers, set of 4	$2 00

Poultry Supplies

Eureka Coal-Burning Brooder Stove


Eureka Brooder Stove

An improved design of Brooder Stove made of high-quality cast-iron and will last indefinitely. There is no damper in smoke-pipe on the Eureka. The check-draft rests on top of the smoke-pipe and opens outward. When the fire is too warm, this gives a gentle inflow of air to retard the heat.

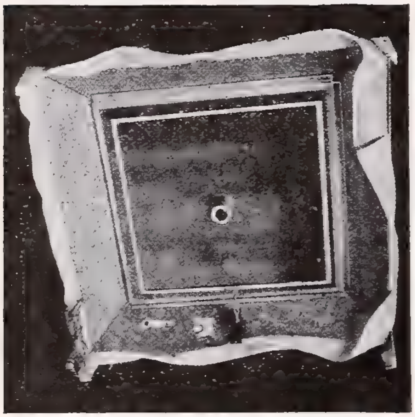
The Eureka Stove burns any kind of fuel with equally satisfactory results.

	No. 11 Capacity 350 chicks	No. 22 Capacity 500 chicks	No. 33 Capacity 800 chicks	No. 61 Capacity 1,000 chicks
Size Smoke-Pipe	4 in.	4 in.	4 in.	5 in.
Height to Top of Stove	22 in.	25½ in.	27 in.	35 in.
Diameter of Cylinder	10 in.	11 in.	13 in.	15 in.
Diameter of Hover	42 in.	52 in.	56 in.	60 in.
Coal Capacity	26 lbs.	37 lbs.	50 lbs.	64 lbs.
Diameter of Grate	9 in.	10¼ in.	11½ in.	11½ in.
Height of Hover from floor	8½ in.	11 in.	13 in.	13 in.
Shipping Weight (complete)	82 lbs.	105 lbs.	122 lbs.	165 lbs.
Price	$13.00	$16.50	$20.00	$24.50

No. 61 is Extra-large with extra coal magazine.

Galvanized Pipe for Stove Brooders

4-in. Pipe, in 10-ft. lengths, per ft.	$0 12
5-in. Pipe, in 10-ft. lengths, per ft.	18
4-in. Elbows	35
5-in. Elbows	40

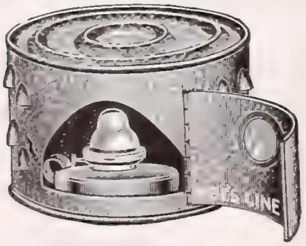


"Best of All" Electric Canopy Brooder

This model is equipped with the famous "Beacon" heater, giving uniform temperature over entire canopy. Regular models for 110 volts can be furnished for either 110 or 220 volts as it is equipped with two complete circuits.

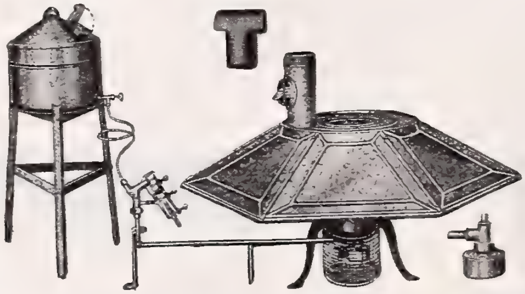
Model B-13. 60-in.; 1,000 watts. Capacity, 650 chicks. Weight, 75 lbs........$21 75

Fountain and Brooder Heater



Can be used with all styles of fountains, and effectively prevents water from freezing.

No. 10. Oil Heater	$1 75
No. 426. Large Oil Heater	2 20
No. 436. Electric Heater, complete, same size as No. 10	2 75

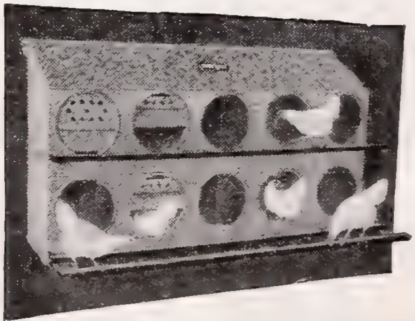


Hudson Oil Brooders

No. 254B. 54-in. hexagon-shaped Hover. Drum 22 in. diam., 8 in. deep. Combustion chamber, 9 in. diam., 10½ in. long. Overall height, 24½ in. 8-gal. fuel-tank. Recommended for houses up to 14 x 14 ft. for 500 to 1,000 day-old chicks. Packed in one carton and one crate. Weight, 68 lbs. Without Fuel Stand..................$17 95

No. TS3 Oil Tank Stand..........95 cts.

No. 366B Brooder. With 66-in. Hover. Capacity, 800 to 1,200 day-old chicks. $23 without Oil Tank Stand.



All-Metal Lice-Free Sanitary Nests

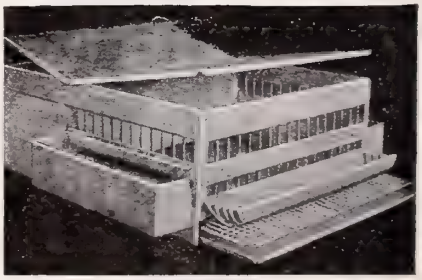
The Nest-boxes are 11½ inches wide and 13 inches deep, with a 9¼-inch nest-hole, sufficiently large for average flocks.

Trap Front. 50 cts. each, extra.

3-hole Section. Weight 25 lbs.	$4 75
5-hole Double-Tier Section. Wt. 35 lbs.	5 00
10-hole Double-Tier Section. Wt. 35 lbs.	8 50

Makomb Giant Coal Brooder

	Canopy	Capacity	Each
No. 1256	56 in.	600	$19 80
No. 1356	56 in.	700	22 50
No. 656	56 in.	500	14 75
No. 665	65 in.	700	16 75



"Contented Chick" Brooder

Sides and ends open, allowing plenty of ventilation and ample feed-space so heavy birds will eat through feed openings. Heating element and thermostatic switch can be raised or adjusted conveniently. Controlled by our "Best of All" quick-break switch. The Brooder has no-waste feed-pans; one-piece water-pans, and die-drawn tinned floors. Ten-ft. cord and curtain.

No. B-1 Electric Automatic. 24 in. wide; 30 in. deep. 150 watt. Weight, 35 lbs. $8 95

No. C-4 Bulb-heated. 20-in. wide; 24 in. deep........$4 50

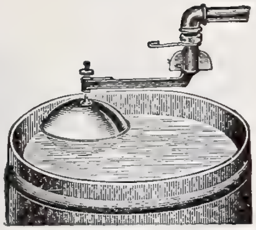
Trap-Nest Fronts

Can be easily fitted to any orange or ordinary wood-box or coop and gives the breeder the opportunity to use a size nest adaptable to his birds. Dimensions 11 in. wide by 12 in. high. Twelve to case.

No. 63. 50 cts. each; $6 per doz.

Poultry Supplies

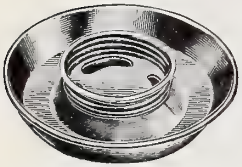
Automatic Water Valve



Valve is threaded for ¼-inch iron pipe. The wire hook holds the float up while pan is being cleaned or removed.

No. 30. Automatic Valve and Float only. Packed 12 in a carton. Weight each 10 ozs., 6 lbs. per doz. . . . . 85 cts. each

Mason Jar Fountains

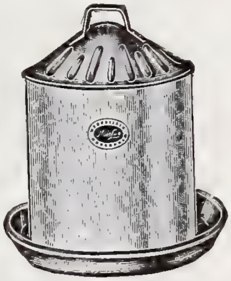


Made in 4 styles

No. 142. Heavy Terne Plate. . . 10 cts.
No. 143. Bright Charcoal Tin Plate. . . . . 12 cts.
No. 144. Galvanized Steel. 10 cts.
No. 151. Crystal Glass Fountain. . . . 15 cts.

Any size Mason Jar can be used. Glass jar not included.

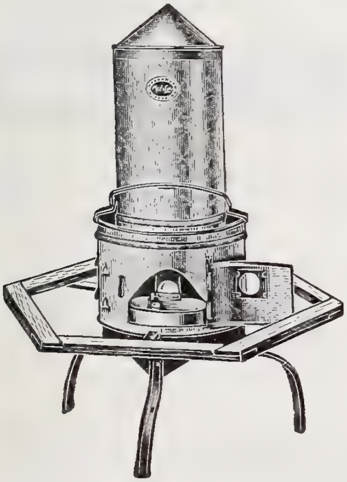
Crescent Top Cleanable Fount



For growing stock and large poultry. Double walls.

No. 268. 1½-gal. $1.
No. 269. 3-gal. $1 60
No. 270. 5-gal. $1 95

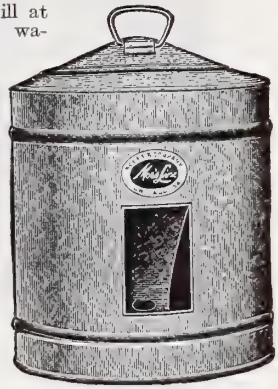
Float Valve Fount



Has cone-shaped perch-roof, inner carrying handle. Guaranteed to control valve.

5HS.	5-gal. Fount	$2 50
	Add for Heater	2 25
	Add for Stand	1 50
	Complete	6 00
10HS.	10-gal. Fount	3 90
	Add for Heater	2 25
	Add for Stand	1 50
	Complete	7 65

Moe's Insulated Double Wall Fountains

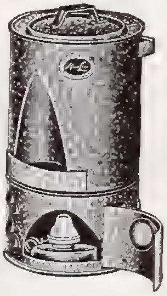


In winter. Fill at night with hot water, keep in basement or warm room, and in the morning the water will be of the right temperature for the poultry house. The hot water thoroughly heats the insulated walls during the night, so freezing is retarded during the day.

In summer. Fill with cold water, place in shady spot, and the water will remain cool and fresh all day.

No. 7. 5-gal. $3 50

Moe's Winter Fountain

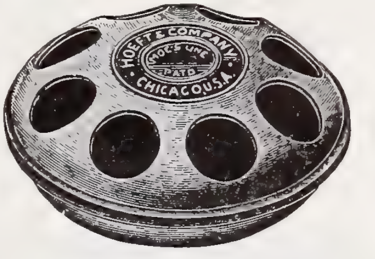


Capacity, 5 and 10 gallons.

A simple and reliable Fountain with heater. Made of heavy galvanized iron, easily filled, with nothing about it to get out of order.

Packed 1 to a case.

No. 78. Fountain only. Capacity, 10 gals. $2.00.
No. 74. Tank only. $1.50.
No. 10. Heater only. $1 75
Fountain complete as shown above. . . . $4 50


HOEFT & COMPANY INC.
MOE'S LINE
PAT'D
CHICAGO U.S.A.

Baby Chick Feeders

Galvanized

No. 11. Diam. 6 in., with 8 holes. 10 cts. each. Packed ½ gross to case.
No. 12. Diam. 8¼ in., with 12 holes. 20 cts. each. Packed ½ gross to case.

Moe's Exerciser and Feeder. (Hangs to ceiling.) No. 152. Capacity, 8 lbs. $1.

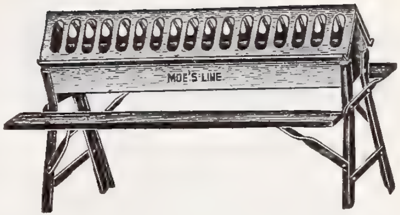
Moe's Round Tin Buttermilk Feeders

Same style as No. 12 Chick Feeder

Made of bright charcoal tin plate, which is not affected by milk acids. Makes an absolutely safe and sanitary Feeder for buttermilk and sour milk.

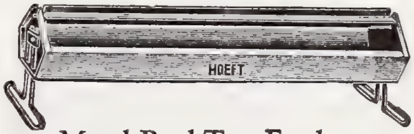
No. 131. Diam. 6 in., with 8 feeder holes. Packed ½ gross in a carton. Weight per gross, 55 lbs.; per doz., 5 lbs. 15 cts. each; $1.80 per doz.

No. 132. 8½ in., with 12 feeder holes. Packed ½ gross in a carton. Weight per gross, 110 lbs.; per doz., 10 lbs. 25 cts. each; $2.75 per doz.



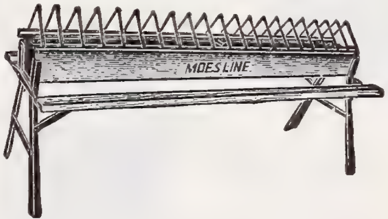
Intermediate Chick Feeder

No. 154. Galvanized; 32 in. long. Capacity 12 qts., complete on stand	$2 50
No. 155. Tin plate. Same size as above.	2 75
No. 35. Stand for No. 154 and No. 155 Feeders	1 50



Metal Reel-Top Feeders

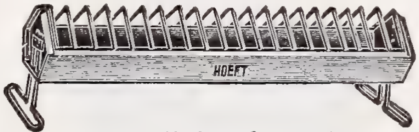
No. 466-S. 24-in., with legs	$0 55
No. 467-S. 36-in., with legs	70
No. 468-S. 48-in., with legs	90
No. 465. 12-in., without legs	25
No. 466. 24-in., without legs	45
No. 467. 36-in., without legs	60
No. 468. 48-in., without legs	80



Roost-Proof Flock Feeders

(Hinged wire Grid on Stand)

No. 355. 5-ft., complete with Stand and Grid	$4 75
No. 358. 8-ft., complete with Stand and Grid	7 00
Trough only, with wire	3 00
No. 05. 5-ft., with Stand and Guard	3 95
No. 08. 8-ft., with Stand and Guard	5 95



Wire Grill Chick Feeders

(With adjustable legs—Rust-proof.)

No. 311-S. 36-in., with adjustable legs	$0 75
No. 312-S. 48-in., with adjustable legs.	95
No. 311. 36-in., without legs	65
No. 312. 48-in., without legs	85

Moe's Dixie Chick Feeders

No. 460. 18-in.	$0 20
No. 462. 30-in.	30

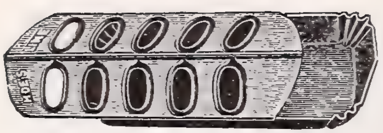
Moe's Swing-Top Chick Feeders

No. 458. 12-in.	$0 25
No. 459. 24-in.	45
No. 463. 36-in.	60
No. 464. 48-in.	80

Moe's Steel Pan

No. 195. Diam. 17 in.; depth 3½ in. 35 cts.

Poultry Supplies

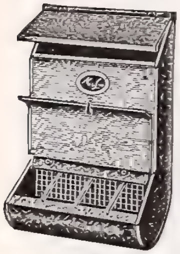


Moe's Eclipse Feeding Troughs

No. 27. 10-in., galvanized. Packed 24 to case. 15 cts. each.
No. 28. 20-in., galvanized. Packed 12 to case. 25 cts. each.

Moe's Mammoth Dry Mash Hopper

A large-capacity Hopper built on correct principles. Made of heavy galvanized iron. The stand is of heavy angle iron, painted, and has wooden bars for the poultry to rest on when feeding. Length of Hopper, 35 in.; width, 21 in.; height, 18½ in. Capacity, 100 lbs. Height of Stand, 15½ in. Total height, 34½ in. Packed one in a box. Weight, 50 lbs. No. 3. Hopper and Stand complete, $5.00.

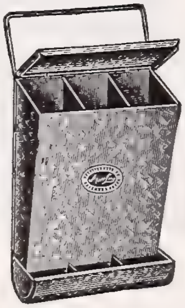


Dry Mash Hopper

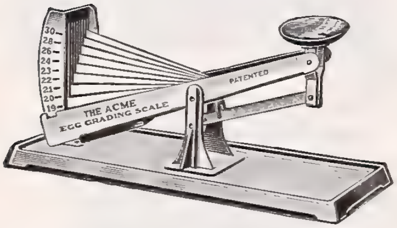
	Each
No. 35. Width 8½ in. Packed 6 to case.	$0 75
No. 36. Width 12 in. Packed 4 to case.	1 25
No. 13. Width 18 in. Packed 4 to case.	1 40
No. 37. Width 24 in. Packed 2 to case.	1 50

Grit and Shell Boxes

No. 9. Three compartments. Packed 6 to case. 65 cts. each.
No. 90. Four compartments. Packed 6 to case. 90 cts. each.



The Acme Egg-Grading Scale



Automatic, quick, accurate, convenient. Standard in all sections. Graded eggs mean a higher market-value. $2.35.

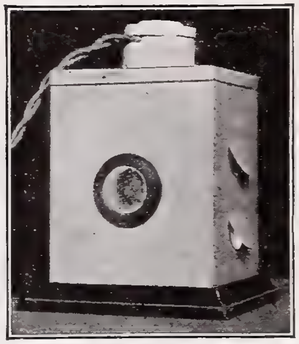
Incubator Thermometers (Stand Up)

No. 3002	$0 75
No. 4011. Brooder. Metal	45
No. 4001. Brooder. On wood	50

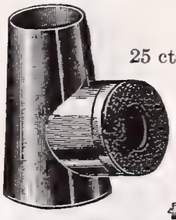
Porcelain Nest Egg

The best and cleanest Nest Egg used. 5 cts. each; 30 cts. per doz.; postpaid 40 cts.

Reflecto Egg Candler

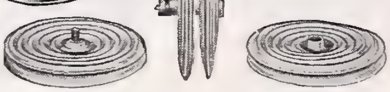


This Candler is quick in action and it shows every defect in the egg instantly. It is equipped with a reflector that adds to the illumination of entire egg, making it quick and thorough in candling. Can be attached to any light socket. Standard equipment is for 110 voltage.
No. 700. Complete Candler, including cord and socket, for 110 voltage, $1.30.



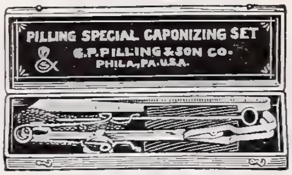
Egg-Tester

25 cts., postpaid 35 cts.



Brooder Stove Wafers

Double Unit Wafers. 3-in., 30 cts.; 4-in., 75 cts.; 5-in., $1.00.


PILLING SPECIAL CAPONIZING SET
G.P. PILLING & SON CO.
PHILA., PA. U.S.A.

Caponizing Tools

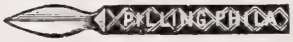
You can do your own caponizing easily with this set of tools. Each tool is made for this special work, and is of the highest grade. These sets are packed in a neat wooden box.

Philadelphia Set	$3 50
Farmer's Set	3 50

Philadelphia Gape Extractor

30 cts. each

French Poultry Killing Knife



Expeditious and humane way of killing and dressing poultry. Price, with full instructions, 60 cts.

Wire Hen Nests

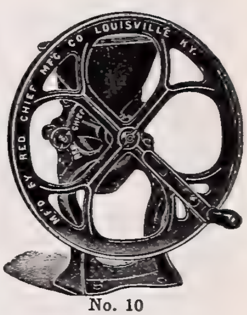
20 cts. each; $2.35 per doz.

Lice Killer and Nest Egg

Combined in One

Lasting; effective. Not expensive. Does not affect the flavor of the egg nor injure it for hatching. 60 cts. per doz.

Red Chief Mills


RED CHIEF MFG CO LOUISVILLE KY

No. 10

No. 1. For small poultry raisers. $3.50.
No. 2. Best Crank Mill on earth. Feed-gauge to regulate grinding. $5.
No. 5. With large capacity feed- and fly-wheel. Clamps to box. $6.50.
No. 10. With feed-gauge, fly-wheel and handsome stand to screw on table. $8.50.

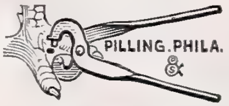
Parcel Post New Model Metal Egg Crates

The new patented filler made of cardboard, circular in shape (like an egg) and reinforced with metal edges to insure strength, yet retain lightness in weight, is a wonder for safety and durability.

1-doz. egg size	$1 00
2-doz. egg size	1 50
3-doz. egg size	1 75
4-doz. egg size	2 00

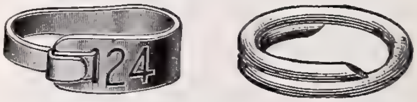
Boxes for Fresh Eggs

This is not a parcel post or express box, but is intended for counter and private use. Anyone selling eggs will find this box a great convenience, as it obviates any mistakes in the count and also avoids any breakage.
Delaware Egg-Boxes. Two rows for 12 eggs. $1.20 per 100.
Eagle Egg-Boxes. Three rows for 12 eggs. 65 cts. per 100.
(Special prices in quantities)


PILLING.PHILA.

Lansdowne Poultry Marker

25 cts.



Leg Bands

Aluminum. 15 cts. per doz.; 40 cts. for 50; 65 cts. per 100; $3 for 500; $5.50 per 1,000.
Celluloid. No. 91. ¾-in. 15 cts. per doz.; 40 cts. for 50; 70 cts. per 100; $3.25 for 500; $6 per 1,000.
No. 92. $\frac{9}{16}$-in. 15 cts. per doz.; 35 cts. for 50; 60 cts. per 100; $2.75 for 500; $5 per 1,000.
No. 93. ½-in. 15 cts. per doz.; 30 cts. for 50; 50 cts. per 100; $2.25 for 500; $4 per 1,000.

Cel-O-Glass

Made of coarse-mesh galvanized wire cloth, treated in such a manner that the spaces between the strands are filled with a clear, translucent, tough, flexible substance that will not rub off, peel, or become brittle. 3 ft. wide, 40 cts. per running foot. 50-ft. rolls $19.50.

Window Fabric

Much cheaper than glass. A strong fabric treated by a patented process to make it transparent and waterproof. It admits abundant light. The popularity of Glass Cloth has been sensational. Width, 36 in. Yd. 22 cts.; 5 yds. $1.05; 10 yds. $2; 50 yds. $19.

Poultry, Horse, and Cattle Remedies

PRATTS ANIMAL REGULATOR. Intelligent, humane and prudent owners of horses, cows, and other live-stock realize the value of good tonics, regulators, and remedies. Pkgs. 25 cts., 50 cts. and $1. 25-lb. pails $2.75; 100-lb. drums $9.50.

PRATTS CHICK TABLETS (Formerly called "Pratts White Diarrhea Remedy"). It is only necessary to give this remedy in the drinking water from the first drink. It has saved many dollars' worth of chicks to poultry raisers. You can depend on it. 25 and 50 cts.

PRATTS COD-LIVER OIL. Vitamin-tested for poultry and stock. Gal. $1.50; 5 gals. $7.50; 30 gals. $30.

PRATTS DIP AND DISINFECTANT. Three times as powerful as crude carbolic acid. A sure deodorizer, germicide, and liquid lice killer. Use it in roup, colds, and other contagious diseases. ¼gal. 50 cts.; ½gal. 85 cts.; gal. $1.45.

PRATTS NEW SPLIT-ACTION CAPSULE. Does the work of two ordinary worm treatments. A special process (patent applied for) now enables you to obtain a poultry worm capsule in which the Kamala and the Nicotine act separately several hours apart. The medicines do not interfere with each other—their action is split, just like two worm treatments in one capsule. This is the new way to get most satisfactory results, and with least disturbance to the fowls.

Adult Size

50 tablets	$0 85	500 tablets	$5 50
100 tablets	1 50	1,000 tablets	10 00

Chick Size (**for birds under 4 lbs.**)

50 tablets	$0 55	500 tablets	$3 75
100 tablets	1 00	1,000 tablets	6 50

PRATTS POULTRY INHALANT. It has long been a popular belief that infectious disease germs, expelled by coughing or sneezing, could not hang in the air for hours and be carried by air-currents to other birds. Recently the Harvard University School of Public Health definitely proved these germs may live in the air for 48 hours. Pratts Inhalant helps kill these germs and prevents them from spreading disease. 1-pt. bottle 60 cts.; 1-qt. bottle $1; 1-gal. bottle $3.

PRATTS POULTRY REGULATOR. Contains just those elements needed to keep poultry in perfect health. Both a tonic and digestive. Prevents common poultry ailments. Produces growth, gives increased vitality, and hastens maturity. Makes pullets early and constant layers. Pkgs. 25 and 50 cts.; 12½-lb. pkg. $1.50; 25-lb. pail $2.75; 100-lb. drum $9.50.

PRATTS POULTRY WORM POWDER. Poultry worms are one of the greatest menaces to the poultry raiser. Pratts Worm Powder will greatly aid your flock and put them on a laying, paying basis. Pkg., 100-hen size 60 cts.; 500-hen size $2; 1,000-hen size $3.50.

PRATTS POWDER LICE KILLER. Effective, non-poisonous, non-irritating. May be used wherever a powder is suitable. A splendid deodorizer. Will kill lice on horses, cattle, dogs, or cats. 25 and 50 cts.

PRATTS R-P POWDER AND TABLETS. Contains remedies which are quickly absorbed, purify the blood, and reduce fever. Pills are convenient for individual treatment. Many poultrymen use this remedy the year round as an effective preventive. Tablets or Powder, 25 and 50 cts.

PRATTS RED MITE SPECIAL. An effective liquid for exterminating the blood-sucking mites. Spray or paint on roosts, dropping-boards, nests, and other places where mites hide. Use these preparations regularly. Qt. 60 cts.; ½gal. $1; gal. $1.60.

PRATTS ROOST PAINT. Contains nicotine compounds that kill lice and mites. Just paint it on the roost. If the roost is dusty or dirty, clean it off. If the roost has been whitewashed, scrape it off and apply Pratts Roost Paint directly to the top of the roost. Several applications may be necessary as many lice-eggs may hatch out after the first treatment. You will find this treatment very effective and satisfaction is assured. ½-pt. can 75 cts.; 1-pt. can $1.25, 1-qt. can $2.

KNOX-OUT FLY SPRAY. A product of the General Laboratories, Inc., makers of B. K. It is of the highest grade and very effective. The 5-gallon container is an improved Easy-Pour Can making it very convenient to use. 1-gal. can $1.50; 5-gal. can $6.75.

WALKO TABLETS. For baby chicks. You can have happy results raising baby chicks if you use Walko Tablets. 50 cts. and $1.

OLD HICKORY SMOKED SALT. This Salt improves keeping qualities because the smoke on the salt is available when its preservative help is most needed and best utilized. The smoke permeates the meat while the other curing ingredients are being absorbed, resulting in perfect blending of all the flavors throughout every tissue and developing uniformly throughout the meats that delicious, genuine hickory-wood flavor that everybody likes. Pkg. (about 10 lbs.) $1.

Poultry and Calf Foods and Conditioners

PRATTS BUTTERMILK BABY CHICK FOOD. This Food is appetizing, harmless, wholesome, non-stimulating, highly digestible, clean, low in moisture, high in quality, always uniform and complete in every element needed for bone, muscle, feathers, and health. Money can buy no better. Pkgs. 25 and 50 cts. Write for prices on 5, 10, 25, 50, and 100-lb. bags.

Pratts Buttermilk Baby Chick Food. (Pelleted.) Write for prices on 25- and 100-lb. bags.

PRATTS BUTTERMILK GROWING MASH. This produces more pounds of weight on less food. So skilfully and thoroughly processed that all dust, hulls, or other foreign particles are removed. Every ounce is solid food that will build muscle, bone, nerve, feathers, and health. Digestible, appetizing, economical. Write for prices on 100-lb. bags.

PRATTS BUTTERMILK LAYING MASH. A remarkable Mash that is the standard by which all others are judged. Not alone theoretically right but proved by practical test to be the greatest "egg producer" ever made. There is a good reason for every ingredient in this splendid Mash. It produces more eggs at less cost per dozen and gives greatest profits.

Victory and **Supreme.** Write for prices on 100-lb. bags.

PRATTS INTERMEDIATE SCRATCH OR DEVELOPING FEED. Never in your life have you seen such a splendid Scratch Feed. It is clean-cut, uniform in size, attractive in variety and appearance, free from every particle of dust, hulls, chaff, weed seeds or foreign materials, perfectly milled and mixed.

Victory. Write for prices on 100-lb. bags.

PRATTS LARGE SCRATCH FEED. Made only of the best of plump, sweet, well-seasoned grains, it is the very acme of quality and gives the maximum of results. Every single grain of Pratts is real food.

Victory and **Utility.** Write for prices on 100-lb. bags.

PRATTS CHICK SCRATCH FEED. Pronounced by authorities everywhere to be the finest, cleanest, purest, most economical, and highest quality Chick Scratch Feed ever offered to the public. Every ingredient is of the highest quality, carefully cracked and processed, and repeatedly cleaned to free it of all dust, hulls, flour, or other useless or wasteful parts. Contains no large pieces that might choke the chicks.

Victory. Write for prices on 100-lb. bags.

PRATTS RABBIT PELLETS. (Complete.) One of the best foods for rabbits. It is pelleted and used in connection with alfalfa hay. Write for prices.

PRATTS CALF MEAL. A safe and economical feed. It takes a little over 160 pounds to raise a calf to four months of age. Contains properly balanced proportions of nutriments which consist of highest quality proteins, vitamins, and minerals, for health and bone foundations. Analysis: Protein 24 per cent, fat 4 per cent, fibre 6 per cent, carbohydrate 55 per cent, nitrogen-free extract 44 per cent. 25-lb. bag $1; 50-lb. bag $2; 100-lb. bag $3.85.

BLATCHFORD'S CALF MEAL. Maturing or vealing all your calves rapidly on Blatchford's Calf Meal, at a cost of about one-fifth of what you get for your milk, then selling all the milk at a good profit, should appeal to every wide-awake farmer as a good profitable proposition. When you stop to consider that this complete milk substitute costs you less than skim-milk and is far better for calf-raising—made expressly for the calf—you will get some idea of its high efficiency. It is made from several kinds of whole grains and seeds, and includes oil, sugar, and albuminous compounds, pure locust-bean meal and pure flaxseed ground, with the oil left in. You cannot begin to get the results from any other method of calf-raising that you can get from feeding Blatchford's Calf Meal, the complete milk equal. 25-lb. bag $1.35; 50-lb. bag $2.20; 100-lb. bag $4.35.

Baby Chicks. Bred to lay, from big healthy stock. We start shipping about March 1. **Write for prices.**

Poultry and Stock Remedies

AVICOL. Saves the chicks. Avicol has a specific and selective action on the germs causing cholera and white diarrhea. It knocks the germs and gives the chick a chance. 50 cts. and $1.

BAG BALM. There is no remedy so quick and certain in its curative powers for all diseases of the cow's udder and teats as Bag Balm. It is a soothing, penetrating ointment, especially adapted for all those serious and annoying troubles known as caked bag, cow-pox, chapped, cracked and sore teats, bunches, chafing and inflammation of all kinds. 60 cts.

BLACK-LEAF WORM POWDER. An odorless, tasteless, dry compound containing nicotine that remains insoluble in the mouth, throat, crop and gizzard, hence non-toxic to poultry. 4-oz. pkg. 75 cts. (for 100 birds); 1½-lb. pkg. $2.90 (for 600 birds); 3-lb. pkg. $5.60 (for 1,200 birds).

BLACK-LEAF WORM PELLETS. They have the same advantage as to lack of odor, taste, and toxicity to poultry as Black-Leaf Worm Powder. 80 cts. per 100 (for 100 birds); $3.50 for 500 (for 500 birds); $6.50 per 1,000 (for 1,000 birds).

BLACKMAN'S SALT BRICKS. The easiest and best way to give medicine to stock—it salts them, too. Originated by a noted veterinary surgeon, insures stock getting the needed medicine without trouble or loss of time to their owners. When dropped in the feed-box, the brick is licked by the animal as needed. Contains copperas for worms, sulphur for the blood, saltpetre for the kidneys, Nux Vomica, a blood tonic, and pure dairy salt. 25 cts. each; $3 per doz.

BOURBON REMEDIES.

Poultry Remedy. A few drops in the drinking water cures and prevents white diarrhea, cholera, and other chick diseases. Use daily to keep your chicks healthy. Don't wait until disease strikes. Get it today. Trial bottle 60 cts.; ½-pt. bottle $1; 1-pt. bottle $1.50; 1-qt. bottle $2.25; ½gal. $3.50; gal. $6.

Hog Remedy. Qt. $2.25; ½gal. $3.50; gal. $6.

CHARCOAL, Fine, Medium, and Coarse. A little ground Charcoal mixed with the soft feed in the morning, once or twice a week, is an excellent corrective for the fowls, and keeps them healthy. We carry three sizes: one for grown fowls, one for small chicks, and pulverized. 5 lbs. 25 cts.; 10 lbs. 40 cts.; 25 lbs. $1; 50-lb. sack $1.75; 100 lbs. $2.75.

CRACKED BONE. (For poultry.) This article is manufactured from fresh, clean bones and is perfectly pure and sweet. We carry two sizes: No. 1 for grown fowls, and No. 2 for young chicks. 5 lbs. 25 cts.; 10 lbs. 40 cts.; 50 lbs. $1.50; 100-lb. sack $2.85.

CRUSHED OYSTER SHELLS. Aid digestion and supply lime. No. 3 for young chicks. 5 lbs. 10 cts.; 100 lbs. 80 cts.; 500 lbs. $3.50. Special prices in larger quantities.

CARBOLA. A white paint in powder form combined with a disinfectant many times stronger than pure carbolic acid. It is nonpoisonous and non-caustic, kills lice, mites, fly-eggs, etc., and helps prevent the start and spread of contagious diseases that affect man, beast and fowl. 5 lbs. (2½ gals.) 60 cts.; 10 lbs. (5 gals.) $1; 50 lbs. (25 gals.) $3.50.

DON SUNG TABLETS. Scientifically compounded to make a balanced tonic and regulator for hens and to stimulate egg-laying. A concentrated medicine—no filler. Pkgs. 50 cts. and $1.

DR. HESS ANTISEPTIC POWDER. A ready help in emergencies—deserves a place on every stable shelf. For treatment of wire-cuts, scratches, galls, and wounds. Quickly forms coating over wound and starts healing. 4-oz. pkg. 25 cts.; 10-oz. pkg. 50 cts.

DR. HESS CHICK TABLETS (formerly White Diarrhea Tablets). Most diarrhea conditions can be corrected by Dr. Hess Chick Tablets. These tablets are a bowel stringent to be given in drinking water. Once the tablets are in solution, they remain so indefinitely. Pkgs. 25 cts., 50 cts., and $1.

DR. HESS HOG SPECIAL. A conditioner and mineral supplement for hogs only. Dr. Hess Hog Special is an appetizer, laxative, and diuretic—also a perfectly balanced mineral supplement. It supplies in sufficient quantities every mineral necessary for the hog's growth and thrift. Hog Special makes possible common-sense worm control. 1½-lb. pkg. 25 cts.; 3-lb. pkg. 45 cts.; 7-lb. pkg. 85 cts.; 15-lb. pkg. $1.75; 25-lb. pkg. $2.50; 100-lb. pkg. $8.50.

DR. HESS POULTRY PAN-A-MIN. Now a greatly improved product. More minerals have been added. It contains new medicinal ingredients, and other active ingredients in different proportions. Pan-a-Min is of high value to moulting hens, in egg-production, in reducing chick-mortality, in bone and feather-growth, and in maintaining health. 1½-lb. pkg. 25 cts.; 3-lb. pkg. 45 cts.; 7-lb. pkg. 85 cts.; 15-lb. pkg. $1.75; 25-lb. pkg. $2.50; 100-lb. pkg. $8.50.

DR. HESS DIP AND DISINFECTANT. One gallon of dip makes from 70 to 100 gallons effective solution. Spray it on roosts. Sprinkle it over the runs and in all cracks and crevices. Makes a splendid dip for hogs and sheep. It's a sure parasite and disease-germ destroyer. Purifies stables, troughs, sinks, drains. Qt. 50 cts.; ½gal. 85 cts.; gal. $1.45; 5-gal. can $6.50; 50-gal. drum, $1 per gal.

DR. HESS POULTRY TABLETS (formerly Roup Tablets). While there is no absolute cure for roup, Dr. Hess Poultry Tablets are of high value in treating locally the swellings incident to the disease. The tablets are used as a local antiseptic and to medicate the drinking water. Thus used they aid in preventing spread of the disease. Pkgs. 25 cts., 50 cts., and $1.

DR. HESS POULTRY WORM TABLETS. Odorless, tasteless, and non-toxic to poultry. The nicotine in the tablet is released, full strength in the intestine where the large roundworm lives.

40 tablets....	$0 50	500 tablets...	$3 50
100 tablets....	1 00	1,000 tablets ..	6 50
250 tablets....	2 00		

DR. HESS POULTRY WORM POWDER. Convenient to use where you desire to mix it with the feed, and contains the same active ingredients that are in the Tablets. 2-oz. pkg. (50-bird size) 50 cts.; 4-oz.pkg. (100-bird size) 90 cts.; 10-oz. pkg. (250-bird size) $1.90; 1¼-lb. pkg. (500-bird size) $3; 2½-lb. pkg. (1,000-bird size) $5.40.

DR. HESS STOCK TONIC. A summary of many improved tests covering three whole years shows that cows receiving Dr. Hess Stock Tonic produce on the average 54 per cent more profit than cows not getting the tonic. All the minerals that have proved necessary to the heavy producing dairy cows have been added. 1½-lb. pkg. 25 cts.; 3-lb. pkg. 45 cts.; 5-lb. pkg. 65 cts.; 15-lb. pkg. $1.75; 25-lb. pkg. $2.50; 100-lb. pkg. $8.50.

GIZZARD CAPSULE. Will quickly rid your chickens of both tapeworms and roundworms. Five times as effective as worm remedies given in food or drink. As easy to administer as giving a pill. Suitable for chicks at 10 weeks (2 lbs.) to full grown.

Adult or Hen Size: 75 cts. for 50; $1.35 per 100; $3 for 250.

Pullet Size: 50 cts. for 50; $1 per 100; $2.50 for 250.

Chick Size: 40 cts. for 50; 75 cts. per 100; $1.75 for 250.

GROUP-OVER. A wonderful, new, prompt and positive treatment for Roup, Canker, and Colds in Poultry. Roup is one of the most serious of poultry diseases. Stop it quickly with Group-Over. Large bottle 50 cts.; extra-large bottle $1.

G. & T. CO.'S HIGH-GRADE PURE MEAT SCRAP OR MEAT MEAL. (50 per cent protein.) This Meat Scrap is the highest possible grade, and is made from pure meat trimmings and cracklings. It is fully guaranteed as to quality and will keep indefinitely. 5 lbs. 25 cts.; 100-lb. bag $2.50.

INSTANT LOUSE KILLER. Kills lice on poultry, horses, cattle; sheep ticks; bugs on cucumber, squash, and melon vines; cabbage worms; slugs on rose bushes, etc. Sold in sifting-top cans—look for the word "Instant" before buying. Lb. 25 cts.; 2½ lbs. 50 cts. Guaranteed.

KOW-KARE. A remedy in powder form, to be given in regular feed. It cures abortion, barrenness, scours, and caked udder, removes retained afterbirth, purifies the blood, strengthens the appetite, vitalizes the nerves, and prevents disease. It increases the milk-flow. Small size 65 cts.; large size $1.25.

POULTRY GRIT. (Poultry, Pigeon, and Chick Sizes.) 5 lbs. 10 cts.; 100-lb. sack 80 cts.; 500 lbs. $3.50.

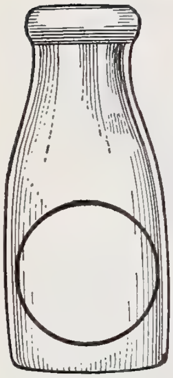
ROTO SALT CAKES. 25 cts.
Roto Salt-Holders. 50 cts.

SAL-VET. A medicated salt—a safe, simple, inexpensive remedy which gives worm-infested stock the medicines they need along with the salt they crave. It goes into the stomach and intestines and loosens the leach-like hold these blood-sucking parasites have on the tender linings. 10-lb. pkg. $1; 25-lb. pkg. $2.25.

SODIUM FLUORIDE. For lice. Recommended and endorsed by leading agricultural colleges and experiment stations everywhere. ½-lb. box, with sifter top 35 cts.; 1-lb. box, with sifter top 60 cts.

TOXITE. Stops bloody diarrhea in chicks and prevents terrific losses in pullets and old hens from coccidiosis, worms, and other diseases. Gal. $1.50; 30 gals., $1.30 per gal.; 50 gals., $1.20 per gal.

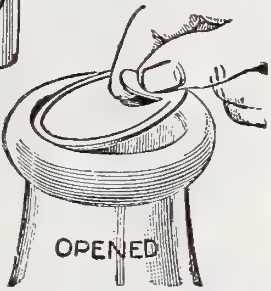
Dairy Supplies



Milk Bottles

These Bottles are made by a factory that specializes in bottle-making. The glass is clear flint. The bottles are made with a long neck, and will show a deep cream-line

	Doz.	Gross
½pt.	$0 60	$5 85
Pt.	75	7 25
Qt.	1 00	9 75



Milk Bottle Caps

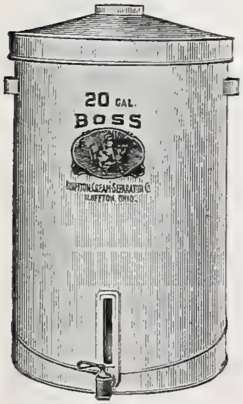
A very convenient Cap that will be appreciated, as it is made with a lift to take the Cap out. These Caps are made from 40-point thick board, and are thoroughly waterproofed with paraffine. 75 cts. per 1,000; $3.50 for 5,000.

Sharples Cream Separator

No. 3.	350 lbs. per hour	$90 00
No. 5.	450 lbs. per hour	97 50

The Boss Separator

A VENTILATING AND AERATING CREAM SEPARATOR


20 GAL.
BOSS
BLUFFTON CREAM SEPARATOR CO.
BLUFFTON, OHIO.

In the Boss Diluters or Water Mixers the milk and water are mixed together or, in other words, the water is poured right into the milk so as to chill it instantly and cause the cream to rise in about one hour.

In buying a Separator of this kind, be sure to order one that will hold twice the amount of milk that you wish to put into it, so as to make allowance for water.

No. 6.	8-gal.	(holds 4 gals. milk)	$4 80
No. 7.	12-gal.	(holds 6 gals. milk)	5 60
No. 8.	16-gal.	(holds 8 gals. milk)	6 40
No. 9.	20-gal.	(holds 10 gals. milk)	7 20
No. 10.	24-gal.	(holds 12 gals. milk)	8 00

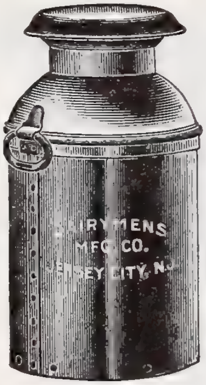
The Boss Cream Separator

Consists of a water vessel containing one or more milk vessels fastened together with our Patent Can Attachment.

		Height	Width	Weight	
No. 1.	2½-gal.	18 in.	13 in.	14 lbs.	$7 20
No. 2.	4-gal.	20 in.	15 in.	17 lbs.	8 00
No. 3.	6-gal.	22 in.	17 in.	20 lbs.	8 80
No. 4.	8-gal.	24 in.	18 in.	22 lbs.	9 60
No. 5.	10-gal.	28 in.	18 in.	24 lbs.	10 80

Reid Corrugated Milk Cooler

	Cooling cap. gals. per hr.	Width of body	Capacity of reservoir	
No. 1.	45	12 in.	5½ gals.	$31 50
No. 2.	55	15 in.	8 gals.	35 00
No. 3.	65	18 in.	9 gals.	38 00
No. 4.	80	21 in.	11 gals.	43 00


IRYMENS
MFG CO.
ERSEY CITY, N.J.

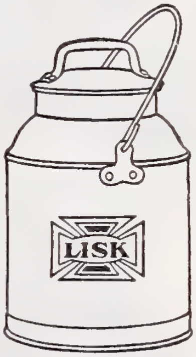
Maryland Pattern Milk Cans

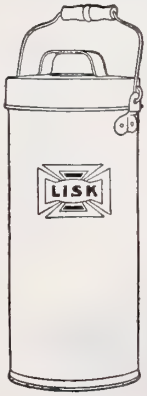
Furnished with our new Umbrella Cover, with seamless rim welded to top. The malleable iron handles on the Cans we stock are stationary, making the Can handier to handle and noiseless in shipping. 20-qt. $3.50; 40-qt. $5.

Milk Cans or Kettles

Finest charcoal plate. Seamless cover and neck. Bottom reinforced with steel band. Heavy steel bail. Sanitary soldered. Full capacity.

2-qt.	$1 20
4-qt.	1 35
6-qt.	1 50
8-qt.	1 75
10-qt.	2 00
12-qt.	2 20
16-qt.	2 55
20-qt.	2 85





Cream Pails

These Pails are made from 5A charcoal plate, mirror finish, very strong and durable.

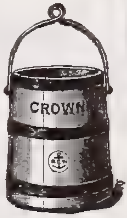
14-qt., without Gauge and Faucet	$0 95
20-qt., without Gauge and Faucet	1 15
20-qt., with Gauge and Faucet	2 65

Double-Bottom Cement Pail

Heavy reinforced galvanized Cement Pail. $1.05.

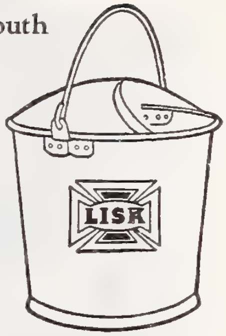
Well Buckets

Crown. $1.



Well Bucket Pulleys

10-in.	$0 90
12-in.	1 00



Sanitary Fish-Mouth Dairy Pail

Made from finest charcoal plate. One-piece retinned top or hood. Steel bail; reinforced ears. All seams sanitary soldered inside and out.

12-qt.	$1 50
14-qt.	1 60
14-qt. Seamless Hood Pail	3 50

Dairy Strainer Pail

Coppered bail. Reinforced ears. Handle near bottom to use when pouring from pail. IXX. charcoal plate. 12-qt. $1.25

Extra-Heavy Galvanized Pails

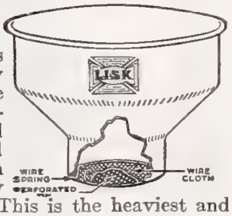
Made from extra-heavy sheets; heavy steel bail; strong ears; hot dipped galvanized after making; practically indestructible.

12-qt.	$0 55	16-qt.	$0 75
14-qt.	60		

Heavy Galvanized Pails

12-qt.	$0 45	14-qt.	$0 50

Milk Strainers

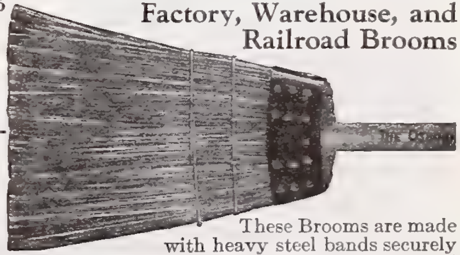


NEW SANITARY Milk Strainer is made from heavy steel pressed in one piece, has heavy removable perforated steel well-tinned discs, between which you use the Sanitary cotton filter pads. This is the heaviest and best sanitary Strainer made; 12 quarts. $1.35.

Stable or Push Brooms

These Brooms are of the highest quality. Made with heavy blocks. No. 2860, Genuine African Bass, 4 rows. ....90 cts.

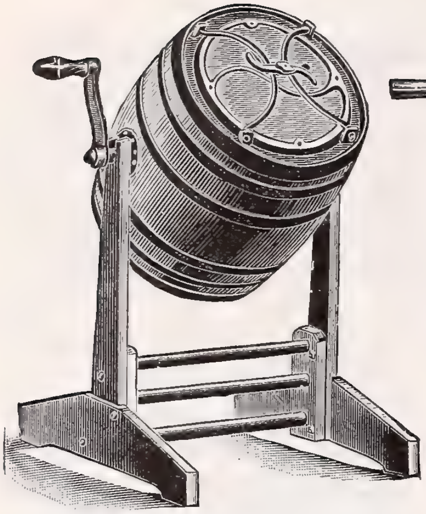
Factory, Warehouse, and Railroad Brooms



These Brooms are made with heavy steel bands securely nailed together. They will last longer and give better service than the ordinary corn Broom.

No. 223. Japanese Fibre; 14-in.	$0 60
No. 221. Japanese Fibre; 16-in.	75
No. 200. All-Corn Heavy Warehouse Broom	1 00
No. 211. Corn and Bamboo Broom	90

Dairy Supplies



Baltimore Favorite Churn

Made of thoroughly seasoned material, finished smooth inside as well as outside. The iron ring head is strong and not liable to break. Bails are fastened to the iron ring. Directions for using in each Churn. We furnish Pulleys for power at prices according to size desired.

	Capacity	Churns	
No. 0	6 gals.	3 gals.	$7 60
No. 1	10 gals.	5 gals.	8 60
No. 2	15 gals.	7 gals.	9 60
No. 3	20 gals.	10 gals.	11 60
No. 4	25 gals.	12 gals.	14 10
No. 5	35 gals.	17 gals.	16 00
No. 6	50 gals.	25 gals.	30 50

12-in. Single Pulleys, with Trunnions, for above	$4.25 each
Pulley only	$2.50 each
Trunnion only	$1.75 each

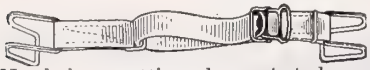
These Churns can be equipped to be run by an electric motor. The outfit consists of a 16-inch grooved Pulley and Shaft for Churn and a 16-inch grooved Pulley and Shaft to go on frame and two 62-inch V belts less motor. $15. ¼h.p. Motor is recommended.

Cotton Pads for Sanitary Milk Strainers

These Pads are cut round to fit in the strainer and are a necessity in producing clean milk.

They fit the Sanitary Strainer, as listed on page 71. 6-in., $1 for 300 (in carton). 6½-in., $1.20.

Perfection Anti-Cow Kicker



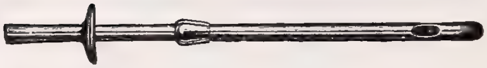
No chain or cutting-edge parts to lacerate, bruise, or blemish the cow's leg. The grapple or hook parts are made from a special size round steel, so shaped and arranged to prevent torturing or injuring the animal's leg. $1.25.

Dominion Dairy and Household Cleanser

An improved Cleanser and Purifier for all dairy and household purposes. Just the thing for churns, pails, and anything used in dairies. For household use, laundry work, all kitchen use, house-cleaning, public buildings, hotels and factories.

Dissolves in either hot or cold water, and rinses off perfectly clean without leaving a soapy scum. 5-lb. bag 35 cts.; 25-lb. bag $1.50.

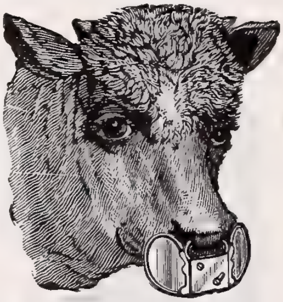
Aseptic Milking Tubes



For Cows with Sore Teats

Insert one in the teat and the milk will flow. Self-retaining. 25 cts.

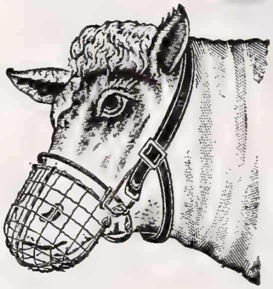
Rice's Calf Weaners



Also prevents cows from sucking themselves.

No. 1 (for calves). 50 cts.
No. 2 (for heifers). 75 cts.
No. 3 (for cows). $1.

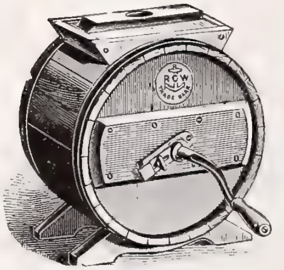
Shaw's Calf Weaners



The action is entirely in the basket, it being hinged to the end of the nose-piece. Basket is made of heavy galvanized wire and the halter of solid leather; can be adjusted.

No. 1	$0 50	No. 2	$0 65
		No. 3	80

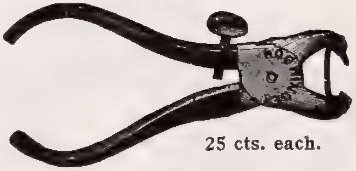
Cedar Cylinder Churn



There are a number of Cylinder Churns on the market sold at a lower price, but they are made of pine or other inferior wood, while these are all of selected cedar, free of knots.

No. 1.	2¾-gal.	$4 00
No. 2.	4 -gal.	4 75
No. 3.	7 -gal.	5 50
No. 4.	10½-gal.	6 25

Hill's Hog-Ringer



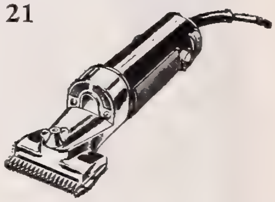
25 cts. each.

Pig-Rings	$0 20
Shoat-Rings	20
Hog-Rings. Box	20
Hog-Snout Cutter	2 00

Bull Rings

Copper, 2½-in. 45 cts.; 3-in. 50 cts. Heavy. $1.60.

Marvelous, New, Improved Stewart Electric Clipmaster No. 21



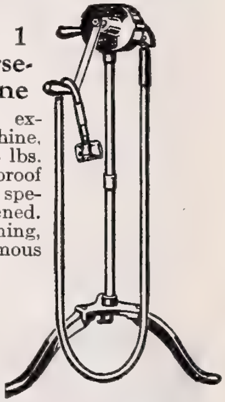
Where electricity is available, this is the easy, quick way to get all the advantages out of the market's best clipping machine.

New, extra-powerful, ball-bearing motor completely self-contained inside the handle. Air-cooled by its own fan and ball-bearings for fast, cool, heavy-duty clipping. Years of experimental work produced this wonderful motor. Hard, all-day, heavy-duty tests have proved it far ahead of anything yet produced.

Smaller, more convenient handle, barely 2 inches in diameter. Perfect balance makes clipping easy and quick. Easy, comfortable grip in any clipping position.

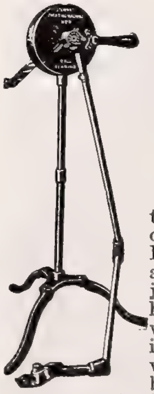
Perfect insulation—shockproof. Impossible for any current to reach clipping head. No ground wire necessary. Uses little current—same as an ordinary light bulb. Weight 6 lbs. . . . . $16.95 each

The Stewart No. 1 Ball-Bearing Horse-Clipping Machine



A very rigid and extremely durable machine, weighing, complete, 36 lbs. Gears enclosed in dustproof metal box are cut from special steel and hardened. Has 6-foot, easy running, flexible Shaft and famous Stewart clipping head.

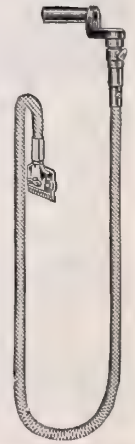
Complete, $12.50.



The Stewart No. 9 Ball-Bearing Sheep-Shearing Machine

Gears all cut from solid tool steel, hardened, and enclosed in dustproof metal box. Has large balance-wheel to assist in easy running. Every joint in the shaft and shearing head is fitted with ball-bearings. Fitted with No. 7 Ball-bearing Shear, 2 Combs, and 4 Cutters. Weight 50 lbs. . . . . $22.95 each

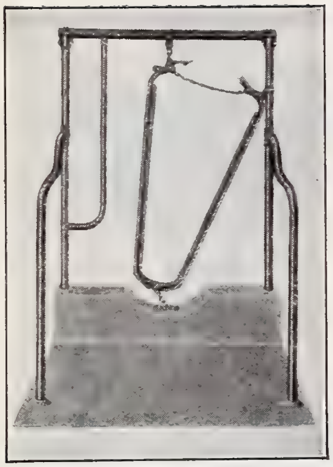
Horse-Clipping Attachment



Will fit any Stewart Sheep-shearing Machine.

Consists of eye spindle and six feet of high quality flexible shaft. Also the famous Stewart clipping head. Can be attached in a few seconds. Owners of a Stewart Shearing Machine who have horses should have this attachment. Packed in box . . . . $8.25 each

Hudson Barn Equipment



2A Stall, with 193 Stanchion, $10.65
2A Stall, with 193W Stanchion, $11

HUDSON COW STALL AND STANCHIONS

Specifications

Horizontal Top Rail: 1½ inch square tubing; non-twisting and absolutely rigid.

Partitions: 1⅝ O. D. high carbon-steel tubing, triple bend; extend backward 3 feet from stall-post. Other sizes on special order.

Uprights: 1⅝ O. D. high carbon-steel tubing.

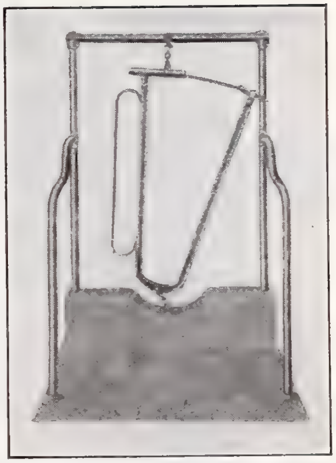
Sure Stop: Rigid, post to top-rail type. Can be used on narrow stall without reducing headroom. $1\frac{1}{16}$ O. D. high carbon-steel tube.

Fittings: Improved dustproof design.

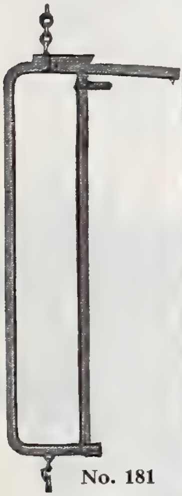
Anchors: Hudson angle-iron base, anchor post, stanchion, partitions, and the entire stall frame into concrete. A continuous anchorage the whole length of stall row across the width of stall at front and rear.

Assembly: Hudson labor- and money-saving method of assembling at factory, made possible only by the Hudson continuous double angle-iron anchors, reduces cost of erection and simplifies installation to greatest possible degree. Shipped three stalls set up in unit, ready to place in position on barn floor.

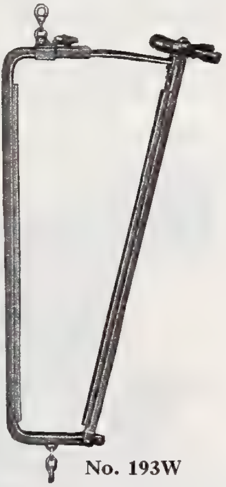
Curb: We recommend high curb, with cut-out for stanchions. Low curb may be used if preferred.



1A Stall, with 193 Stanchion, $9.70
1A Stall, with 193W Stanchion, $10.05



No. 181



No. 193W

Hudson Stanchions

No. 181. Steel U-Bar Stanchion with heavy steel fittings; no castings used. Latch made of pressed steel, protected so the cow cannot open it. Weight 18 lbs. $2 40

No. 193. The new features of this popular Stanchion make it unusually desirable. Made of high carbon U-Bar with or without wood linings. Patented, quick-acting latch, double lever type. Cow-proof. Adjustable neck-space. Will stand rough usage and give years of service. Plain Steel Stanchion. Weight 18¾ lbs. $2 90

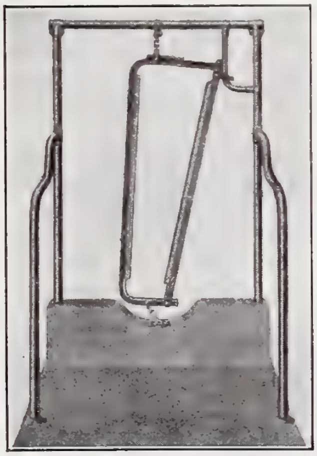
No. 193W. Wood-lined Stanchion. Weight 20¼ lbs. $3 25

Hudson Sanitary Pens

For cows, calves, and bulls. Write for prices, giving sketch and size of Pens needed.

Safety Bull Staff

Constructed of $1\frac{1}{16}$-inch O. D. extra-heavy steel tubing with malleable lock hook. Will not break even when subject to severe strain. Length, 4 feet, 9 inches. Weight 8 lbs. $3.50.
Bull Leader Snap. $1 25



No. 500 Stall with No. 181 Stanchion, $8.50

No. 500 Stall is shipped knocked down and without the Hudson Angle Anchor System.
Upright, Partition and Top Rail: 1⅝-inch O. D. carbon-steel tubing.
Fittings: Malleable. Tee Couplings, two-bolt dust proof type.
Anchors: No. 10B U-bolt and yoke.
Width: Regular 3 feet 6 inches. Narrower Stalls can be furnished when specified.
Weight: Complete with Stanchion, 52 lbs. Can be furnished with other Hudson Stanchions at difference in price of stanchions.

Salt and Mineral Bowl

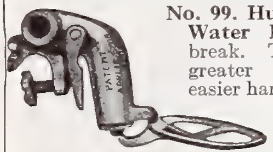
Attractive in design, easy to clean and strongly built. The rustproof cup is made of glazed stoneware and the unique supporting bracket of malleable iron guaranteed against breakage. The rim of the cup extends inward to that the salt will not be wasted. Opening in the cup is 4⅝ inches, or just large enough to permit the animal to lick the salt. Furnished for either wood or steel stall. Weight 10 lbs. Packed one in carton. $1.

Cast-Iron Corner Mangers

With roll-front Food-Guard.

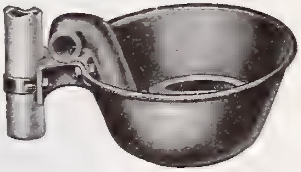
	Length	Width	Depth	
No. 6.	17 in.	17 in.	10 in.	$4 00
No. 7.	18 in.	18 in.	10 in.	4 50
No. 7½. . .	20 in.	20 in.	10 in.	7 00

Hudson Water Bowls



No. 99. Hudson New Steel Water Bowl. Will not break. The Bowl has a greater capacity and is easier handled. $3 50

No. 99 Steel.



No.117 Bowl. $2.75.

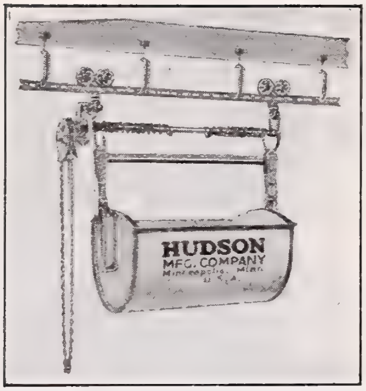
Hudson Milk Stools

No. 96S. These have proved extremely popular, not only for milking but for many uses around the home, office, or store, in garages, filling stations, and camps. Pressed steel top. Comfortable for milking and will not tip. Legs high carbon steel, strongly reinforced and braced; will not twist. Weight about 4 lbs. . . . . .75 cts

Wrought-Iron Hay-Rack

No. 12. Frame, 1-inch channel; 8 uprights; ½-inch round bar, exceptionally strong and heavy. $4 00
No. 13. Frame, 1-inch channel; 6 uprights; ½-inch round bars. $4 00

Feed and Litter Carriers

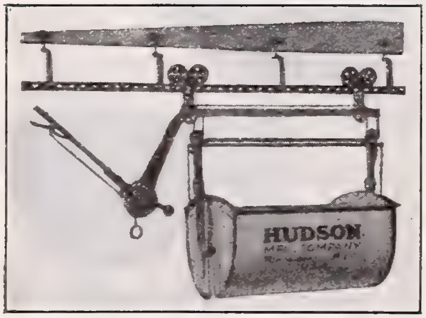


Chain-Hoist Litter Carrier

No. 59B

This Carrier combines great strength and rapid action. The hoisting chain is of special strength and is of a length to correspond with the shaft on which it winds. Carrier is equipped with friction brake. Tub is made of heavy galvanized sheet steel reinforced around the top and ends with 1-inch angle iron. The carrier locks at both ends, which increases its life. Bale is constructed of 1 by 1½-inch channel steel, strongly reinforced. Chain-shaft is 1-inch cold rolled steel. The full-swiveled, tandem trucks give greater bearing on the track and ease in turning corners.

Tub 42 in. long, 28 in. wide, 24 in. deep, inside measurements. Capacity, 12 bus. Weight, 182 lbs....................$49 50



Lever-Hoist Litter Carrier

No. 42N

Makes a clean job out of a dirty one

Specifications:

Hoist: Ratchet and drum. Drops tub to floor in an instant or it can be lowered slowly, as desired. Lifts loaded tub in 10 seconds or less. Tub has regular drop of 8 feet. Extreme leverage and little friction make it quickest and easiest lifting Carrier.

Drum: Gray iron, 3¾ x 7½-inch diameter.

Lifting Cable: Best crucible steel, ¼-inch diameter.

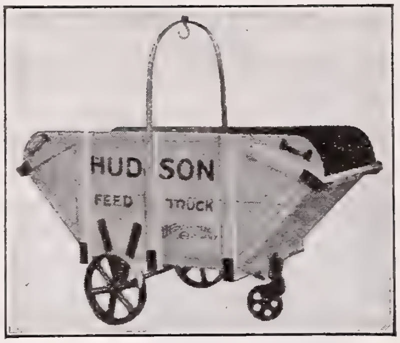
Lift Cable Pulleys: Gray iron, 4½-inch diameter.

Lever and Hoist Frame: 2 x ¼-inch steel bars.

Tub: Hudson long-service construction; channel-bail reinforcement.

Track Wheels: Roller bearings, 6-inch diameter.

Capacity: 12 bus. Size of tub, 42 x 28 x 24 inches. Weight, 205 lbs...........$55 00



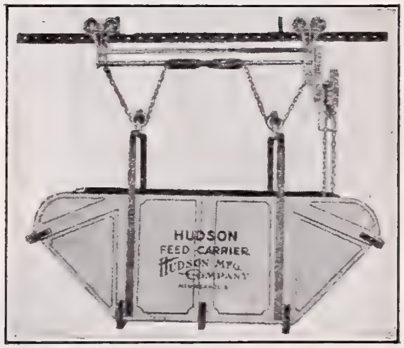
Floor Feed Truck

No. 141

A very convenient and durable Truck, built of selected lumber well put together and strongly reinforced. Load is evenly balanced on wheels, making Truck easy to handle. Wheels are located so that Truck may be turned in its own length.

Main wheels 14 inches high, with 2-inch face. Caster wheel 7 inches in diameter. Axle 1-inch cold rolled steel shafting. Capacity, 16 bus.

This Truck can be furnished with or without the Hudson Scale Arch. Galvanized steel bottom. Weight, 210 lbs...........$40 00



Feed Carrier

No. 40C

The Hudson Raising and Lowering Feed Carrier has all the track-operating features found in our celebrated line of litter carriers, and is furnished with a tub or a carrier-box that is made of selected materials, and shaped so that the operator can work from either end when feeding. Equipment can be furnished for the installation of a system of trackage in connection with the litter carrier system.

Capacity, 16 bus. Weight, 225 lbs. $52 00

Hudson Track Equipment

No. 102.	**Track**....................	$0 18
No. 90C.	**Track Hangers,** with short extension and Nailing Plate.	37
No. 90B.	**Hangers,** to clear 4 inches..	37
No. 90F.	**Hangers,** to clear 8 inches..	42
No. 90L.	**Hangers,** to clear 12 inches.	48
No. 90P.	**Hangers,** to clear 16 inches.	52
No. 262.	**Two-way Switch**..........	10 00
No. 263.	**Three-way Switch**........	12 00

No. H15 Automatic Hog Waterer

The Hudson Waterer is made so it will attach to a ¾-inch pipe line, water tank or barrel.

No. H15. Weight, each, 12 lbs. $2.35

Hudson Adjustable Hay Carrier

No. 326

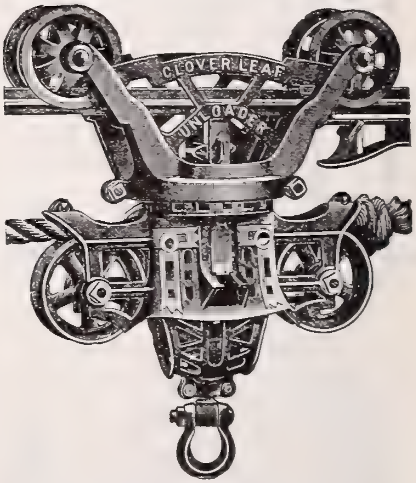
HUDSON MANUFACTURING CO.
HUDSON
MINNEAPOLIS

A long wheel-base, heavy-duty fork carrier, embodying all important features, such as Hudson deadlock, swivel base, turned steel axles recessed into the frame, wide mouth, and interchangeability of parts. The 16-inch wheel-base distributes the load over a greater portion of the track. Shipped complete with Fork Pulley, Trip Block, and two End Stops.

When ordering for other than Hudson Track, specify name of track so that proper Trip Block can be furnished.........$10 25

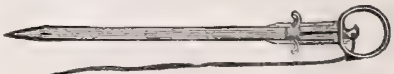
Steel Track. Per ft. 23

Myers' Clover Leaf Unloader



Made of malleable iron throughout and has 16-inch truck. It is substantially built. Fitted with large open mouth to receive the fork pulley when approaching it from any direction. Has swinging fork, pulleys.....$10 25

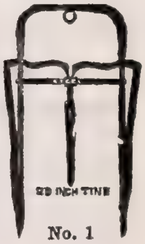
Steel Track. Per ft. 23



No. 2

Harpoon Hay Fork

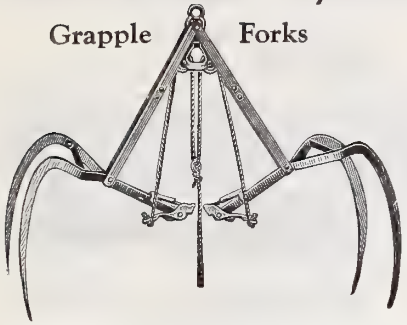
No. 1. Double; 25-in. tines..............	$2 50
No. 1½. Double; 31-in. tines...............	2 75
No. 2. Nellis Single....	5 00



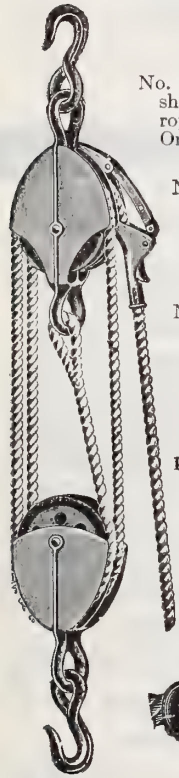
No. 1

Hay Tools and Barn Door Hangers

Grapple Forks



No. 4. G. & T. Co.'s 4-tine Automatic	$10 50
No. 6. 6-tine Automatic	12 00



Gritco Hoist

No. 40. 2 sheaves above, 2 sheaves below; for ½-inch rope. Capacity, 1,500 pounds. One man can lift 400 pounds of 3-inch sheaves. $3 each.

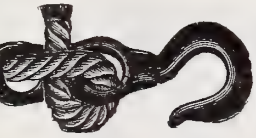
No. 34. 2 sheaves above, 2 sheaves below; for ½- to ⅝-inch rope. Capacity, 3,000 pounds. One man can lift 500 pounds of 4-inch sheaves. $4.50 ea.

No. 28. 2 sheaves above, 2 sheaves below; for ¾- to ⅞-inch rope. Capacity, 4,000 pounds. One man can lift 600 pounds of 5-inch sheaves. $7 each.

Rope not included in price.

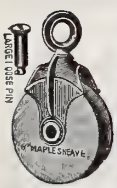
Track Hangers

Hudson	$0 18
Myers	18

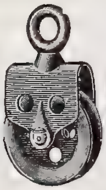


G. & T. Co.'s No. 14 Swivel Rope Hitch

Price, 40 cts.



No. 9



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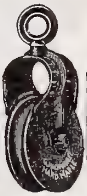
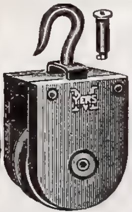


No. 11

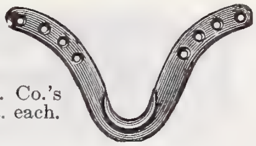


No. 12

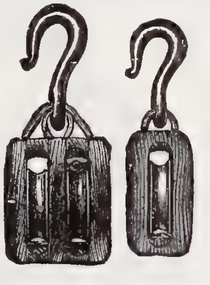
Pulleys

No. 9.	Maple Sheave	$0 65
No. 10.	All Iron	55
No. 11.	Knot Passing	70
No. 12.	Wood Frame with Hook	65
No. 13.	Wood Frame with Eye	65

Rafter Brackets



No. 4. G. & T. Co.'s Steel.....5 cts. each.



Floor Hooks

No. 5. G. & T. Co.'s. ¾-in. .... 18 cts. each

No. 5. G. & T. Co.'s. ⅝-in. .... 15 cts. each

Iron-Strapped Blocks

Patent Roller Bushed with Beckets

Size of Sheaves Inches	Diameter Rope	Length Pulley Shell	Single	Double
3½ x 1 x ½	¾ in.	6 in.	$1 20	$2 25
4¼ x 1 x ½	⅞ in.	7 in.	1 40	2 65
4¾ x 1⅝ x ⅝	1 in.	8 in.	1 75	3 50

Block and Fall for stages; 2 Single Blocks; 2 Double Blocks. 40-ft. fall, 350 ft.; 50-ft. fall, 425 ft.; 60-ft. fall, 500 ft.

¾-in. rope, 6 ft. to lb.
⅞-in. rope, 4¼ ft. to lb.
1-in. rope, 3¾ ft. to lb.

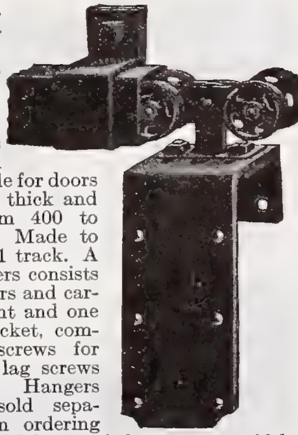
Lightning Pattern Hay Knife

Price, $2.15

American Sickle-Edge Hay Knife

Price, $2.15

No. 25 Trolley Roller-Bearing Steel Barn Door Hanger



Has two adjustments—vertical and lateral, and a return apron. Pendant 9 inches long, 3½ inches wide, $\frac{3}{16}$ inch thick. Suitable for doors 2 to 3 inches thick and weighing from 400 to 600 pounds. Made to run on No. 31 track. A pair of Hangers consists of two Hangers and carriers, one right and one left-hand bracket, complete with screws for hangers and lag screws for brackets. Hangers and track sold separately. When ordering always give thickness of door, exact width of opening and state whether for single or double door ....$3 per pair

No. 31 Track ....25 cts. per ft.

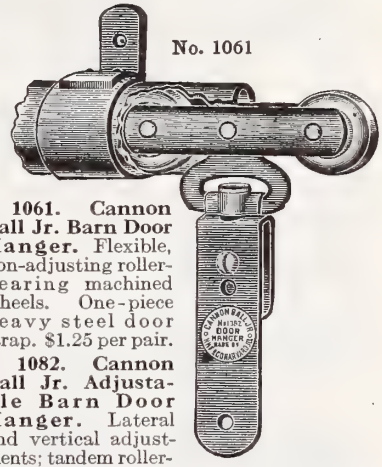
Trolley Track and Track Hangers

No. 31 Trolley Track is made from 16-gauge steel. The trolley is entirely inclosed inside of track, making it weather-proof. 4-, 6-, 8-, and 10-ft. lengths. .25 cts. per ft.

Extra Single Brackets for Trolley Track .. 21 cts. each

Double Brackets ....70 cts. each

Barn Door Hangers


No. 1061
CANNON BALL JR. No. 1082 DOOR HANGER

No. 1061. Cannon Ball Jr. Barn Door Hanger. Flexible, non-adjusting roller-bearing machined wheels. One-piece heavy steel door strap. $1.25 per pair.

No. 1082. Cannon Ball Jr. Adjustable Barn Door Hanger. Lateral and vertical adjustments; tandem roller-bearing machined wheels; heavy one-piece door strap, for doors weighing up to 250 pounds, and 2 inches thick. $1.70 per pair.

No. 1068. Adjustable Barn Door Hanger. Has roller bearings, flexible joint, tandem wheels, underslung carriage, lateral and vertical adjustments. For doors from 1¾ to 2½ inches thick, and up to 400 pounds in weight.................$2.50 per pair

No. 20-2. For doors weighing up to 300 pounds and 1¾ to 2½ inches thick. Have 2⅛-inch steel wheels, steel roller bearings, 6-inch apron. Packed one pair of Hangers with Bolts, one Joint and two End Brackets. Hangers adjustable, vertical, and lateral. Weight 8½ lbs. per pair...... $2.75 each

TRACK BRACKETS.
Not included in price of hangers.

Track Brackets, Joint and **Center** .... 20 cts. each

Track Brackets, End ....20 cts. each

Cannon Ball Track. In 3-, 4-, 6- or 8-ft. lengths ....24 cts. per ft.

Cannon Ball Jr. Track. In 3-, 4-, 6- and 8-ft. lengths...............17 cts. per ft.

Jr. Track Brackets, Joint and **Center** ... 11 cts. each

Jr. Track Brackets, End ......11 cts. each

Lag Screws for **Track Brackets** ..3 cts. each

Regular Iron Trace-Chains

	Per pair
7–8–2.	$0 75
7–10–2.	80
8–10–2.	1 25

Add 5 cts. for hook in place of ring.

Spreader-Chains

⅜-in. Close-Link Straight Spreader-Chain for two horses, with three hooks each. $2 ea.

Butt-Chains

	Per pair
3-ft., 3–2	$0 75
3-ft., 10–2	80

Log-Chains

	Per lb.
Long-Link or **Ox Chain.** $\frac{5}{16}$-in.; 12 or 14 ft.	$0 15
Long-Link or **Ox Chain.** ⅜-in.; 12 or 14 ft.	15

Barn Equipment and Miscellaneous Hardware

Breast Chains

Single slack. 27-in., 5/16 to ¼ taper, 75 cts.; ⅜ to 5/16 taper, $1.
Double slack. 28-in., heavy. $1 per pair.

Cow-Chains

No. 3-0. Bulldog Cow Tie (Ohio pat.)	$0 35
No. 3-0. Halter. 4½-ft.	45
6-ft.	50
No. 0. Chain. 20-ft.	45
No. 00. Chain. 20-ft.	55
No. 000. Chain. 20-ft.	60
No. 0. Chain. 30-ft.	65
No. 00. Chain. 30-ft.	75
No. 000. Chain. 30-ft.	80

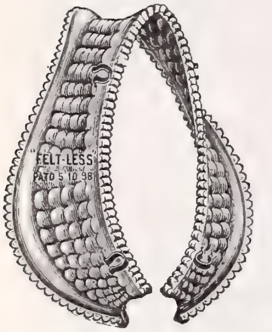
Lap-Links

Open-side, polished. ½ x 2½ in., 10 cts.; ⅝ x 3 in., 15 cts.; ¾ x 3 in., 20 cts.

Chain-Repair Links

¼ or 10-2, 20 cts. per doz.; 9-32 or 10-1, 25 cts. per doz.

Assorted Links, 30 cts. per box.



Sweat-Pads

Felt-less

Pinked felt edges; composite filling; four hooks; old-gold drill. Best on the market.

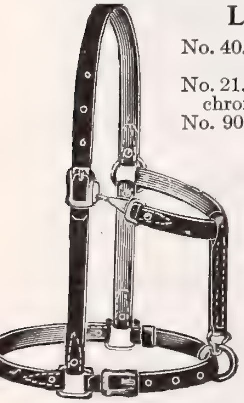
18 to 20 in.	$0 55
21 to 22 in.	60
23 to 24 in.	65

Hame-Strings

⅝ x 54 in. slit. 25 cts

Hame-Straps

1-in., sewed	$0 40
1⅛-in., riveted	30



Leather Halters

No. 40. 1¼-in., riveted leather. $2 each

No. 21. 1¼-in., double stitched, chrome ....$2.25 each

No. 90. 1-in. Colt Halter .... $1.75 each

Halters

Cow Halter. $1.50.
Calf Halter. $1.

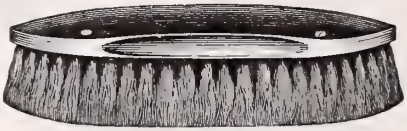
Curry-Combs

No. 167. All-steel; closed back; 6 bars. 25 cts.

No. 083. Open-back Curry-Comb. .... 20 cts.

No. 800. All-steel; closed-back; lacquered; extra-size; oval face; curved knockers; braced shank; extending through handle and riveted, enameled handle, brass ferrule; 8 bars ....30 cts. each

ALL PRICES IN CATALOG SUBJECT TO CHANGE WITHOUT NOTICE.



Dandy Brushes

No. 985. Oval. 60 cts.

No. 940. Palmetto. 45 cts. each

No. 950. Palmetto. 50 cts. each

Leather-back Bristle Army ....$1 each

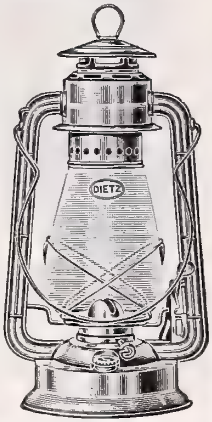
Dietz Lanterns

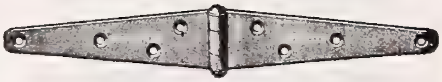
No. 2. Dietz Blizzard ....$1.40 each

Junior Wagon. $1.90.

Eureka Driving. $2 each

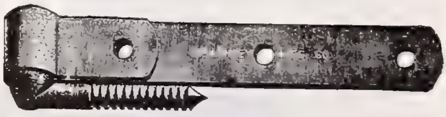
No. 0. Victor. 90 cts.





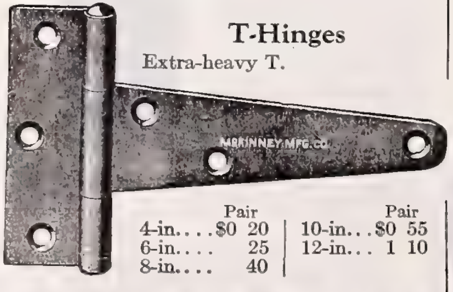
Strap Hinges

	Light pair	Heavy pair
4-in.		$0 15
6-in.	$0 16	20
8-in.	20	30
10-in.	40	50
12-in.	55	1 00



Screw Hinges

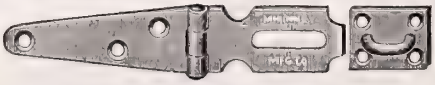
	Pair		Pair
6-in.	$0 25	20-in.	$0 90
12-in.	45	24-in.	1 20
14-in.	65	30-in.	1 65
16-in.	75	36-in.	1 85
18-in.	85		


McKINNEY MFG. CO.

T-Hinges

Extra-heavy T.

	Pair		Pair
4-in.	$0 20	10-in.	$0 55
6-in.	25	12-in.	1 10
8-in.	40		



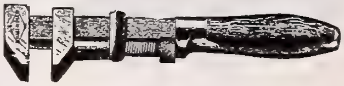
Safety Hasps

3-in.	$0 10
4½-in.	12
6-in.	18

Crowbars

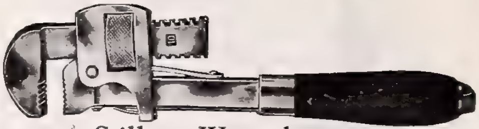
Crowbars. Pinch Point. Weight, 20 to 25 lbs. ....10 cts. per lb.
Wedge Point. Weight, 20 to 25 lbs. ...... 10 cts. per lb.

Digging Bar, with Rammer combined. $2.50.
With Loop Handle ....$2.50 each



Machinists' Knife Handle Wrenches

6-in.	$1 00	12-in.	$1 80
8-in.	1 20	15-in.	2 55
10-in.	1 40		



Stillson Wrenches

8-in., grips ¾-in. pipe	$0 85
10-in., grips 1-in. pipe	90
14-in., grips 1½-in. pipe	1 10
18-in., grips 2-in. pipe	1 50

Cold Chisel

½-in.	$0 20	⅝-in.	$0 25

Punch

½-in.	$0 20	⅝-in.	$0 25

Files

Mill Bastard. 8-in.	$0 20
10-in.	30
12-in.	40
Cross-Cut. 8-in.	40
10-in.	50

Screw Drivers

No. 903. 4-in. blade	$0 40
No. 904. 6-in. blade	45
No. 905. 9-in. blade	50

Claw Hammers

No. 5191½. Hand-made	$0 60
No. 5171½. Falls City	60

Button Pliers

8-in. ....75 cts. per pair

Cast Mauls with Wood End and Wood Handles

10-lb.	$1 60
12-lb.	1 75
16-lb.	2 50

Belt Punches

(Revolving)

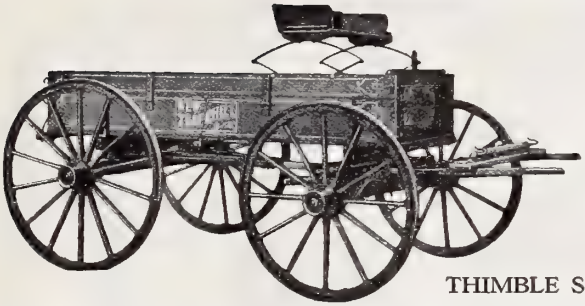
Single tube	$0 35
4-tube	85
6-tube	1 00

Ideal Riveting Machine

This is the best lowest-priced Riveting Machine made. Warranted to set tubular rivets perfectly ....85 cts. each

Tubular Rivets ....15 cts. per 100

Griffith & Turner Wagons



One-Horse Wagon

SOLID STEEL AXLE AND THIMBLE SKEIN

If One-Horse Wagon is wanted with Pole instead of Shafts, add	$6 50
Poles for One-Horse Wagons	13 00
Bodies without Seats, 7 ft. 6 in. long, 15 in. deep	14 00
Wagon Seats	4 00
For 1¾ x ¼-in. Tires on 1⅛-in. Axle Wagon, add	3 00
For 2 x ⅜-in. Tires on 1⅜-in. Axle Wagon, add	4 75
For 2 x ⅜-in. Tires on 2⅜-in. Wood Axle Wagon, add	5 00
Shafts as an extra	7 50

THIMBLE SKEIN ONE-HORSE WAGON

Size Cast Skein	Reg. Tires	Height Front Ft. In.	Wheels Rear Ft. In.	Dimension of Body			Capacity	Weight	Gear only, no brake	Gear with brake	Wagon comp.	Wagon comp.
				Length Ft. In.	Width Ft. In.	Depth In.					with body and seat	with body and brake
2⅜ x 7½	1¼ x ⅜	3′ 4″	3′ 8″	7′ 6″	3′ 4″	15″	1,200 lbs.	550 lbs.	$52.50	$57.50	$70.00	$73.50

STEEL AXLE ONE-HORSE FARM WAGON

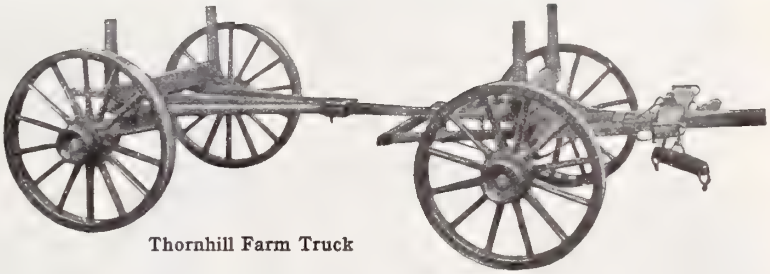
Size Cast Skein	Reg. Tires	Height Front Ft. In.	Wheels Rear Ft. In.	Length Ft. In.	Width Ft. In.	Depth In.	Capacity	Weight	Gear only, no brake	Gear with brake	Wagon comp. with body and seat	Wagon comp. with body and brake
1⅛ x 6½	1⅛ x 5/16	3′ 4″	3′ 8″	7′ 6″	3′ 4″	15″	1,000 lbs.	550 lbs.	$55.00	$60.00	$74.50	$81.00
1⅜ x 7½	1⅜ x ½	3′ 4″	3′ 8″	7′ 6″	3′ 4″	15″	1,500 lbs.	735 lbs.	72.00	77.50	92.00	98.00

Thornhill Farm Truck

A good truck; very strong; suitable for either farm or road work; 2-inch solid steel square axles; wood wheels, 36-inch rear and 32-inch front; 2 x 8½-inch box and with 3 x ⅜-inch tires. It is made in both drop and slip tongue. Top or swing side and tail brakes furnished when ordered.

Equipped regularly with Club Bolster stakes, but can be furnished with stationary stakes. Prices include single- and doubletrees, and chains for stiff tongue, and neck-yoke for drop-tongue Wagon.

Be sure to state just what you want when ordering.



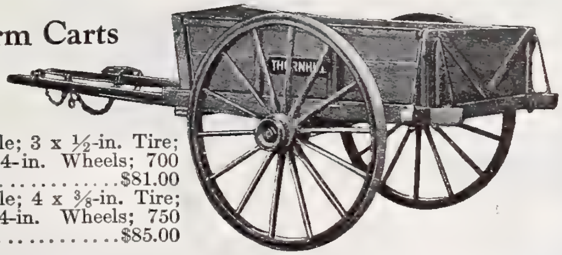
Thornhill Farm Truck

Farm Truck. With Drop Tongues, 32 and 36-in. Wheels	$85 00
Farm Truck. With Slip Tongue	85 00

For any of the following extras, add to the above Wagon prices

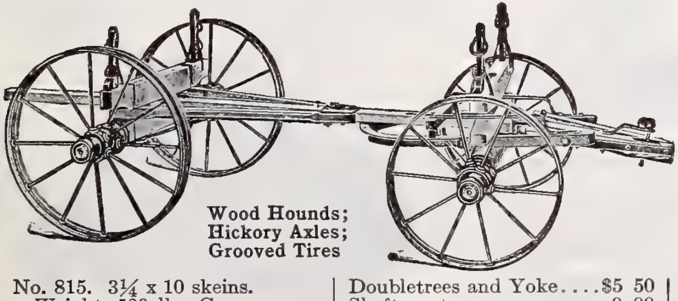
10-foot Body, with 24-inch Sides, no Seat	$25 00
Body Brake Attachments	2 75
36-inch front and 40-inch rear Wheels	Optional
40-inch front and 44-inch rear Wheels	Optional
3 x ½-in. Tires	$5 00
4 x ⅜-in. Tires	7 50
Seat and Springs	5 00
Jersey Double and Singletrees	2 00
Side Brake	7 50
Tail Brakes	10 00
Both Brakes, when ordered at same time	16 00
Stationary Bolster Stakes	Optional

Farm Carts



2-in. Axle; 3 x ½-in. Tire; 4-ft. 4-in. Wheels; 700 lbs.	$81.00
2-in. Axle; 4 x ⅜-in. Tire; 4-ft. 4-in. Wheels; 750 lbs.	$85.00

Handy Steel Wheel Farm Truck with Full Front Hounds



Wood Hounds;
Hickory Axles;
Grooved Tires

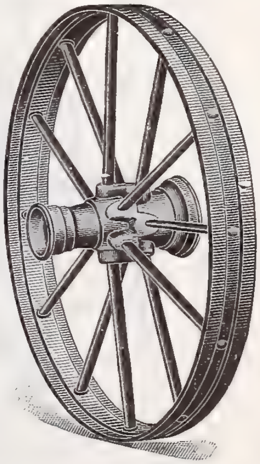
No. 815. 3¼ x 10 skeins. Weight, 500 lbs. Capacity, 4,000 lbs	$55 00
Brake	7 75
Doubletrees and Yoke	$5 50
Shafts, extra	9 00
Shafts instead of Pole, add	5 00

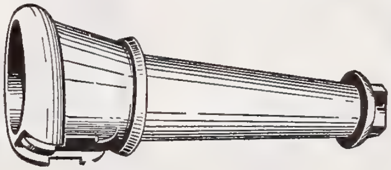
Metal Truck Wheels

We carry Wheels in stock sizes 3 x 9 and 3¼ x 10. All other sizes will have to be ordered from the factory, according to measurements sent, at special prices. If measured wrong, we will not take the Wheels back. Wood Wheels and other sizes, prices on application.

PRICES PER WHEEL WITH
4 x ⅜-IN. TIRES

24-in.	$6 60
26-in.	6 90
28-in.	7 30
30-in.	7 70
32-in.	$8 40
34-in.	8 80
36-in.	9 50





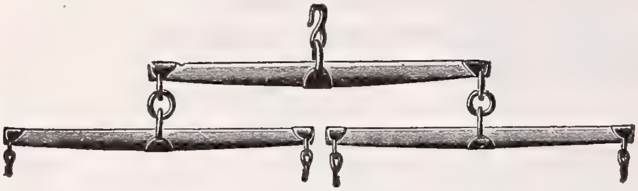
Cast Skeins and Boxes

2½ x 8 in., with boxes, $9 per set; boxes extra $3.
2¾ x 8 in., with boxes, $10 per set; boxes extra $3.50.
3 x 9 in., with boxes, $11 per set; boxes extra $3.75.
3¼ x 10 in., with boxes, $14 per set; boxes extra $4.25.
3½ x 11 in., with boxes, $17 per set; boxes extra $5.50.

Steel Skeins ordered as desired

Wagon Accessories

Wood Single, Double, and Tripletrees



Our line of Single, Double, and Tripletrees is the best on the market. Clip ends. Made of second-growth hickory, carefully selected and thoroughly seasoned.

Singletree. 26-in.	$0 60	**Singletree.** 34-in.	$0 70
28-in.	60	**Doubletree.** 36-in.	1 25
30-in.	60	40-in.	1 40
32-in.	65	**Extra-Heavy Tripletree.**	2 25

Wood Neck Yokes

40-in.	$1 50
44-in.	1 75

Wood Singletree Sets

One 36-in. Doubletree and two 28-in. Singletrees, with open rings	$2 50
One 36-in. Doubletree and two 30-in. Singletrees, with open rings	2 60
One 40-in. Doubletree and two 34-in. Singletrees, with open rings	3 00

Full-length Strap, Wagon-tree Sets

48-in. Doubletree, 34-in. Singletrees, and 40-in. Neck Yoke	$4 75
Wagon Doubletrees. 48-in.	1 40
Wagon Singletrees. 34-in.	1 00
Wagon Neck Yokes. 40-in.	1 50
Double and Singletrees, less Neck Yoke for rollers, corn planter, etc.	2 00
Double and Singletrees, with Neck Yoke for rollers, corn planters, etc.	3 50

Open Side-lap Links

Polished; ½ x 2½ in.	15 cts. each
⅝ x 3 in.	20 cts. each
¾ x 3 in.	25 cts. each

Set of Welded Clips

For Doubletrees

No. 77. Southern. One ⅝-in. Center Clip and Hook, with Hook and two ½-in. Clips	45 cts. per set
No. 76. Pennsylvania. One ¾-in. Center Clip and Hook, with ¾-in. Hook and two 9/16-in. End Clips	65 cts. per set

For Singletrees

No. 75. One ½-in. Center Clip, and two ⅜-in. End Clips, used on 28-in. Singletrees	30 cts. per set
No. 74. One 9/16-in. Center Clip, and two 7/16-in. End Clips.	35 cts. per set
No. 73. One ⅝-in. Center Clip, and two 7/16-in. End Clips, used on 34- and 36-in. Heavy Singletrees	40 cts. per set
No. 72. One ¾-in. Center Clip, two ½-in. End Clips	60 cts. per set

Wagon or Truck Skids

These Skids are made from strong, select hickory side-bars, one end being ironed with wedge-shaped steel points, between which the side-bars extend, which prevents them from splitting. The upper end is ironed in a similar way, only it is equipped with hooks to fasten to the body of the vehicle.

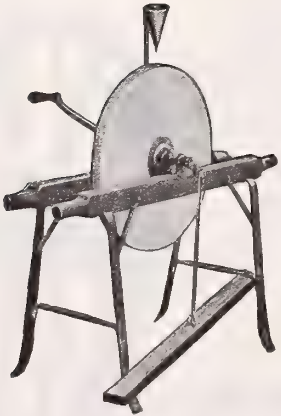
6-ft.	$8 00	10-ft.	$11 00
8-ft.	10 00	12-ft.	15 50

Mica Axle Grease

This is the highest quality of Axle Grease and contains ground mica, which forms a coating on the axle and makes a perfectly smooth surface. After this surface is formed you need use only half as much Mica as of any other Axle Grease.

Tin box	$0 15	10-lb. pail	$1 25
3-lb. pail	40	25-lb. pail	2 75

Grinders and Grindstones

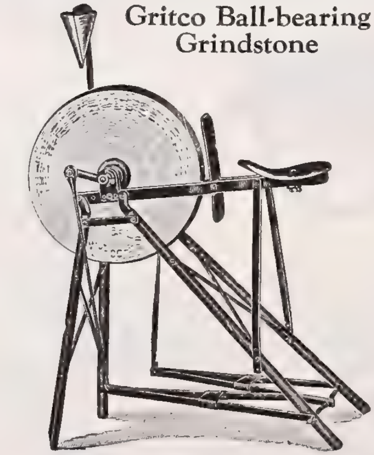


G. & T. Co.'s Ball-bearing Grindstone

This Grindstone has a combination steel and hardwood frame, carefully selected Berea grit stone and ball-bearing steel journals and axles. Stones usually furnished vary in thickness from 1¾ to 2¼ inches. Weight of frame and fixtures only, 32 pounds. Shipped knocked down.

No. 1. Stone weighs 90 to 110 lbs.	$9 75
No. 2. Stone weighs 70 to 80 lbs.	8 75
No. 3. Stone weighs 40 to 50 lbs.	8 00

Gritco Ball-bearing Grindstone

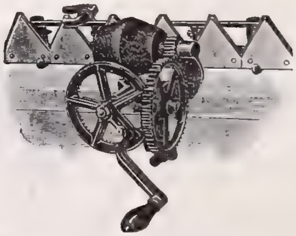


One of the strongest built and practically indestructible.................$8.75 each

Loose Grindstones

We carry a full line of loose Stones

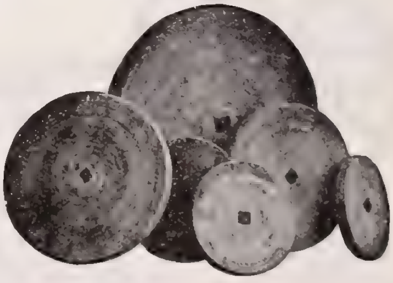
40 to 200-lb. Stones, 5 cts. per lb.; under 40 lbs., 5½ cts. per lb.; over 200 lbs., 6 cts. per lb.



Sickle and Tool-grinder

A simple, compact, and serviceable hand-power Sickle and Tool-grinder. Can be clamped either to a mower wheel or to a bench. The tool wheel is 4¼ x 1½ inches.

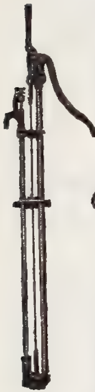
No. 83. With Bevel and Flat Tool Wheel.	$7 00
No. 82. With Bevel Wheel	6 00

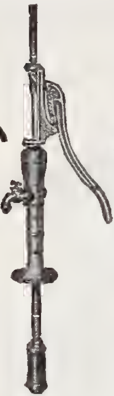


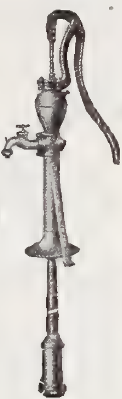
Loose Grindstones

Pumps and Accessories

Hoosier Well Pumps


8553


73974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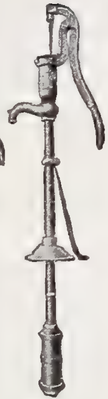

79041

Fig. 79041. Hoosier Open-top Hand-lift Pump. Wrought set length. It has large cast head, swivel bearer top, long handle, and is adjustable. The standard or barrel is made of 1½-inch pipe and has the anti-freezing feature. It has a 3-inch iron cylinder ....$9 each

Fig. 7994. Hoosier Hand Force Pump. Wrought set length, swivel bearer top, polished steel piston rod, brass stuffing box, compression cock spout and back inlet. Standard is tapped for pipe just below spout, and with the usual drip-hole directly above cylinder makes the pump anti-freezing. Fitted with 3-inch brass-lined cylinder....................$14.75 each

Fig. 73974. Hoosier Windmill Force Pump. Wrought set length; anti-freezing; has detachable polished piston-rod, brass stuffing box, swivel bearer top, back outlet and detachable compression cock spout. The bearer top has removable guide bushing to prevent pump rod wearing directly on bearer guide. 2½-inch brass-lined cylinder; 6-inch stroke. Weighs 81 lbs.....$19.25 ea.

Fig. 8553. Hoosier Windmill Underground Force Pump. Double acting; with wrought set length; anti-freezing. The Pump has brass upper cylinder, positive three-way cock with union connection, adjustable platform base, fitted with 1-inch goose-neck spout, and 1-inch three-way discharge. By removing upper cylinder and cap, the plunger valve can be withdrawn without disturbing the Pump. Suitable for well from 25 to 125 feet in depth. Without Cylinder ....$20.90 each

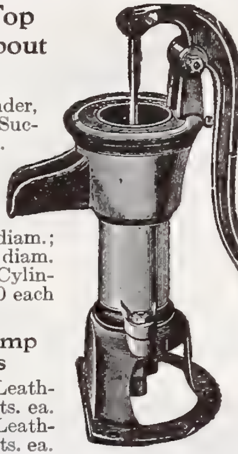
Additional for Fitting Pumps

We give below a table of the additional charge for fitting, and the amount stated in table is to be added to the price of the Pump selected. In fitting Pumps we use galvanized pipe and pump-rod, and a strainer foot valve.

Prices subject to change without notice
We use an extra-good foot valve

Depth of Well	With 1¼-in. Pipe for 2½- and 3-in. Cylinder Pumps	Depth of Well	With 1¼-in. Pipe for 2½- and 3-in. Cylinder Pumps
10 feet	$3 55	34 feet	$10 00
12 feet	4 00	36 feet	10 60
14 feet	4 40	38 feet	11 10
16 feet	4 85	40 feet	11 70
18 feet	5 30	42 feet	12 25
20 feet	5 75	44 feet	12 75
22 feet	6 20	46 feet	13 30
24 feet	7 30	48 feet	13 85
26 feet	7 80	50 feet	14 40
28 feet	8 36	Each additional foot.	27
30 feet	8 90		
32 feet	9 50		

Closed-Top Pitcher Spout Pump



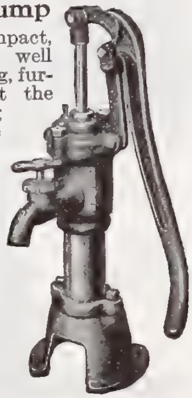
No. 2. Cylinder, 3-in. diam.; Suction, 1¼-in. diam. Polished Iron Cylinder ...... $2 each

No. 3. Cylinder, 3½-in. diam.; Suction, 1¼-in. diam. Polished Iron Cylinder ...... $2.50 each

Pitcher Pump Leathers

No. 2. Valve Leathers	16 cts. ea.
No. 3. Valve Leathers	20 cts. ea.
No. 2. Leather Cups. 3-in.	19 cts. each
No. 3. Leather Cups. 3½-in.	25 cts. each

Gould's Universal House Force Pump



An easy-working, compact, and substantial Pump well adapted to house-pumping, furnishing water either at the spout or through opening to storage tank. Can be used outdoors over wells and cisterns. Pump should not be placed over 22 feet above the water. Has 2½-inch cylinder and 4-inch stroke. Tapped for 1¼-inch pipe.

No. 2. Plain Spout. $8.50.
No. 2. Cock Spout. $9.75.

Pump Cylinders

Brass-lined.

2½ x 14 in.	$5 75	3 x 14 in.	$6 50
3 x 10 in.	5 50	3½ x 12 in.	7 00
3 x 12 in.	6 00	3½ x 14 in.	7 75

Iron.

3 x 10 in.	2 50	4 x 10 in.	4 50

No. 9171. Artesian Well Cylinder. Deep-well brass Cylinder, 1⅝ for 1-in. pipe, to be used in connection with electric deep well outfits. 6-in. stroke...........$3.50 each

2½- and 3-in. Cylinders take 1¼-in. pipe; 3½-in. Cylinders take 1½-in. pipe; 4-in. Cylinders take 2-in. pipe.

Brass Jacket Drive Well Points

	Diam. of pipe	Length	Each
No. 98	1¼ in.	36 in.	$3 00
No. 102	1¼ in.	48 in.	4 00
No. 144	1½ in.	36 in.	4 00
No. 148	1½ in.	48 in.	5 00

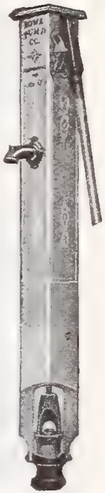
Malleable Drive Caps. Hexagon-shaped, for 1¼- or 1½-in. pipe.......50 cts. each

Octagon Wood Pump Rods

For artesian wells. Made of selected material and fitted with galvanized forged couplings. Size of Rod, 1⅛ in. Size of Artesian Well Cylinder, 1⅜ to 2¼ in.

Price per foot, in standard lengths or from 16 to 20 feet ....22 cts.

Baltimore Wood Pumps



PRICES OF PUMPS FITTED COMPLETE

With and without Porcelain Cylinder

Depth of well	6x6-in. Unlined	6x6-in. Lined	7x7-in. Lined
10 ft.	$11 55	$14 05	$16 55
12 ft.	12 15	14 65	17 15
14 ft.	12 75	15 25	17 75
16 ft.	13 80	16 50	18 90
18 ft.	15 50	18 15	20 50
20 ft.	16 20	18 80	21 20
23 ft.		20 70	23 70
25 ft.		21 35	24 35
28 ft.		24 70	26 25
30 ft.		25 90	28 18
33 ft.		28 90	31 15
35 ft.		30 90	33 15
40 ft.		35 90	38 15
45 ft.		40 90	43 15
50 ft.		45 90	48 15

Baltimore Wood Pumps

NOT FITTED

No. 0. STOCK PUMPS. 7 x 7 in.; 4-in. Bore

Length	Porcelain lined
6 ft.	$13 50
7 ft.	14 50
8 ft.	15 50
10 ft.	17 50
6 ft., reamed for 6 x 6-in. Extension Pipe; unlined	10 75

No. 1 Favorite House Pump

6 x 6 in.; 3½-in. Bore

Length	Porcelain lined
6 ft.	$11 00
7 ft.	11 75
8 ft.	12 50
10 ft.	14 50
12 ft.	16 50
6 ft., reamed for 6 x 6-in. Extension Pipe; unlined	8 50

Pump for Drive Wells

To fit 1¼- or 1½-inch iron pipe

Special No. 1 House. 5 ft. Wood, Porcelain-lined Cylinder, entire length 6 ft. $11.

Tubing and Miscellaneous

Tubing, 4 x 4 in., 12 ft. long and under, 30 cts. per ft.; over 12 ft., 32 cts. per ft.

Extension Tubing, 6 x 6 in., 80 cts. per ft.

Cylinder Block, Porcelain-lined, 3 ft. long, $4.90; 4 ft. long, $5.70; 5 ft. long, $6.50; 6 ft. long, $7.30; 7 ft. long, $8.10; 8 ft. long, $8.90.

Couplings, 6 x 6 in., for 4x4-in. Tubing, $1.

No. 00 Buckets, 5 in., $1.50; No. 0, 4-in., $1.25; No. 1, 3½-in., $1; No. 2, 3-in., 80 cts.

Handle. Any size ....50 cts. each

Handle Links or **Knuckles** ... 40 cts. each

Check Valves................15 cts. each

Iron Connection for Drive Wells, fitted for 1¼- or 1½-in. iron pipe ...... $1.50 each

Extra Iron Spout, with loose collar ....50 cts. each

Extra Wood Spouts ....30 cts. each

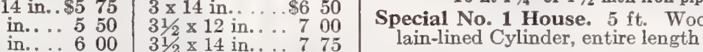
Extra Spout Braces...........35 cts. each

Extra Bands..................10 cts. each

Extra Ears or **Brackets,** Nos. 35 and 36, ...50 cts. per pair

Rod Couplings, 1-in.......60 cts. per pair

Plunger Rod ....4 cts. per ft.



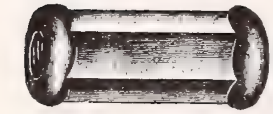
Octagon Wood Pump Rod

Pump Fittings

Galvanized Pipe Fittings

	½-in.	¾-in.	1-in.	1¼-in.	1½-in.	2-in.
Elbows	$0 09	$0 13	$0 17	$0 26	$0 33	$0 52
Tees	13	17	22	34	43	68
Street Elbows	10	16	20	30	38	60
45-degree Elbows	12	16	21	31	39	62
Cross	17	23	30	46	57	90
Bushings	08	10	12	14	18	28
Lock Nuts	05	06	10	12	15	20
Caps	07	10	13	17	23	33
Reducers	08	12	16	20	23	36
Couplings	10	13	18	25	32	40
Galv. Unions	33	40	50	70	90	1 15

Galvanized Pump Rods and Couplings



Round Galvanized Pump Rod, ⅜-in., in 20-ft. lengths, not threaded. 5 cts. per ft.; 7/16-in., 6 cts. per ft.

Threaded with couplings, add 1 ct. per ft.; cut lengths, add 3 cts. per ft.

Galvanized Pump Rod Couplings for ⅜- or 7/16-in. rod............10 cts. each

Pump Leathers

Our Pump Leathers are cut from the best grade of selected oak tan leather. We offer only such leathers as we can recommend as being absolutely high grade.

Crimped Plunger or Cup Leathers

	Each		Each		Each
1 -in.	$0 08	2½-in.	$0 15	4 -in.	$0 35
1¼-in.	08	2¾-in.	18	4¼-in.	38
1½-in.	10	3 -in.	19	4½-in.	40
1¾-in.	10	3¼-in.	22	4¾-in.	45
2 -in.	11	3½-in.	25	5 -in.	50
2¼-in.	12	3¾-in.	31		

Plunger and Lower Valve Leathers

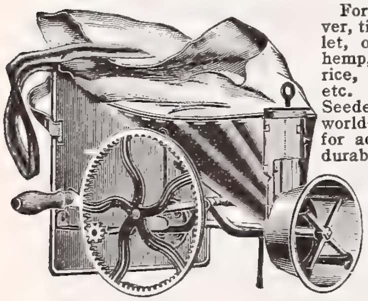
Outside Diam.	Cylinder Diam.	Each	Outside Diam.	Cylinder Diam.	Each
2 in.	1½ in.	$0 10	3½ in.	3 in.	$0 16
2¼ in.	1¾ in.	10	3¾ in.	3¼ in.	17
2½ in.	2 in.	11	4 in.	3½ in.	20
2¾ in.	2¼ in.	12	4½ in.	3¾ in.	25
3 in.	2½ in.	13	5 in.	4 in.	30
3¼ in.	2¾ in.	15			

Galvanized Foot Valves

¾-in.	$1 00	1¼-in.	$1 25
1-in.	1 00	1½-in.	1 80

Seed Sowers, Seeders, and Planters

Cahoon's Broadcast Seed Sower

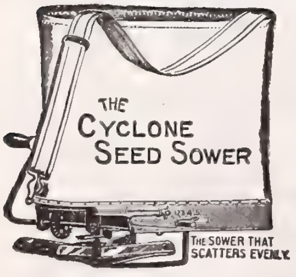


For sowing clover, timothy, millet, oats, wheat, hemp, barley, rye, rice, buckwheat, etc. Standard Seeder of the world—a model for accuracy and durability. Malleable iron frame; steel hopper and gate; brass discharger.

The breadth of the cast will be according to the weight of the seed. Wheat and rye, 30 to 36 feet; oats, 21 to 25 feet; barley, 27 to 33 ft.; clover, millet, Hungarian seed, 20 to 24 ft.; hemp, 27 to 30 ft.; timothy, 15 to 18 ft.

Weight, 8 lbs................$5.00 each

The Original Cyclone Improved

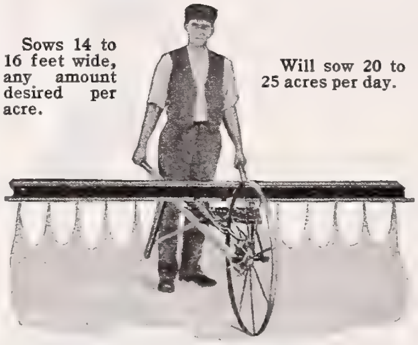

THE CYCLONE SEED SOWER
THE SOWER THAT SCATTERS EVENLY

To anyone desiring a convenient, practical, and all-round first-class grain and grass seeder, that will meet the most exacting demands, we cannot recommend the Cyclone too highly. Weight, 6 lbs.....$2 50

Lightning Horn-Type Seed Sower

Will spread seed evenly from 30 to 40 feet. Method of sowing is by swinging tube in horizontal position from right to left, which closely resembles the old method of hand-sowing. Weight, 1 lb............$1.00 each

Thompson's Clover and Grass Seeder



Sows 14 to 16 feet wide, any amount desired per acre.

Will sow 20 to 25 acres per day.

This Grass Seeder is simple, without gearing, cams, or intricate machinery. It cannot get out of order.

Perfection feed is attained in making it absolutely positive yet a non-leaking carrier, when thrown out of connection. The quantity of seed to the acre is shown by index plate.

Rope Feed Seeder

It is strong, yet weighs but 40 pounds.

No. 1. 14-ft., single hopper.........$14 40
16-ft., single hopper.............. 15 20
No. 5. Complete Seeder, with Double Hopper. Sows red-top, orchard grass, blue grass, lawn grass, as well as clover. 14-ft., $16.00 each

Thompson's Royal Clover and Grass Seeder

These Seeders are similar to the Thompson above, except they have Chain Feed.

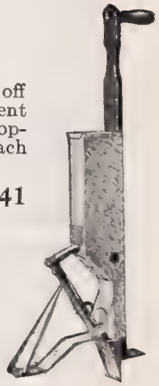
No. 11. 14-ft., single hopper....$14.40 each
16-ft., single hopper ....$15.20 each
No. 12. 14-ft., double hopper ..$16.00 each
No. 10. 10-ft., double hopper. Universal Seeder for all grass seeds, grain, cowpeas and soybeans...............$18.00 each

Thompson's Golf Special Seeder

Golf greens, fairways, and lawns must be seeded evenly to produce the desired uniform turf.

These Seeders are used on America's leading golf courses and private estates because they are speedy, accurate, and economical. Wind or mud do not interfere with their accurate work because they sow close to the ground and cannot clog.

No. 106. 10-ft. hopper. Wt., 60 lbs. $26.00



Gritco Hand Corn Planter

Chinese bristle brush cut-off Slide quickly adjusted for different sized seeds. Galvanized iron hopper.................$2.25 each

American Rotary No. 41 Corn Planter

Has Rotary Slide, a motion two ways—back and forth. $2.50 each

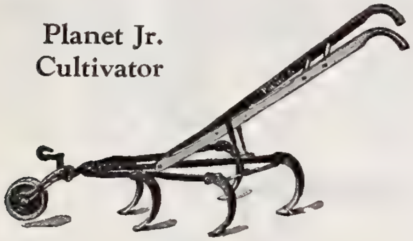
Master's Rapid Plant Setter

Sets all kinds of plants, such as cabbage, tobacco, tomatoes, cauliflower, strawberries, sweet potatoes, sugar beets, etc. The only Hand Mechanical Plant Setter on the market. Built on scientific principles throughout. Its conical jaws are made of heavy sheet steel and the main body or water reservoir and plant tube of heavy tinned plate. The water-valve is of brass with rubber packing. The valve-rod and trip spring are of steel wire; thumb button and other fittings are also of brass. The machine is well put together with rivets and solder and should last for years. $5.50 each

Planet Jr. Horse Hoes and Cultivators

It is an unquestioned fact that Planet Jr. horse-drawn cultivating implements are more universally known, and bear a higher reputation for quality, than any other cultivating machines ever made.

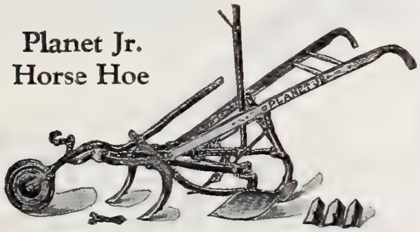
Planet Jr. Cultivator



Planet Jr. Plain Cultivator. Four 3 x 8-in. Cultivator Shares. One 4 x 8-in. Cultivator Share.

No. 4. With Steel Wheel	$9 45
No. 4D. Cultivator without Wheel	7 70
No. 9. With Lever and Wheel	11 50
No. 9D. With Lever, no Wheel	9 75

Planet Jr. Horse Hoe



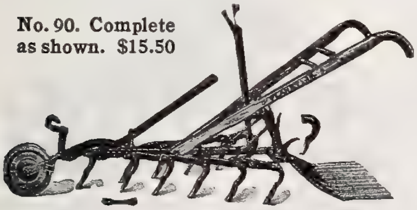
Cut shows No. 8

Planet Jr. Horse Hoe Equipment: Four 3 x 8-in. Steels, one 4 x 8-in. Steel, one pair 6-in. Hillers, one 7-in. Shovel, and Lever Expander.

No. 9. With Steel Wheel	$12 75
No. 9D. Less Steel Wheel	11 00
No. 8. With Wheel and Lever Wheel.	14 70
Vineturner extra	2 50
Roller extra	4 00
Steel Wheel as an extra	1 75

No. 90 Planet Jr. 12-Tooth Harrow, Cultivator, and Pulverizer

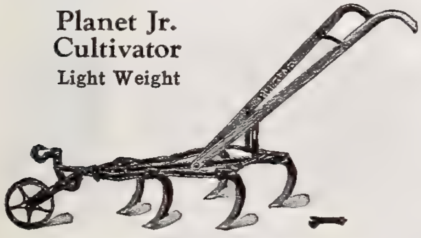
No. 90. Complete as shown. $15.50



No. 90B. Less Pulverizer	$12 75
No. 90D. Less Pulverizer and Wheel.	10 00

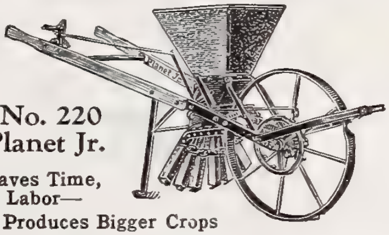
Planet Jr. Cultivator

Light Weight



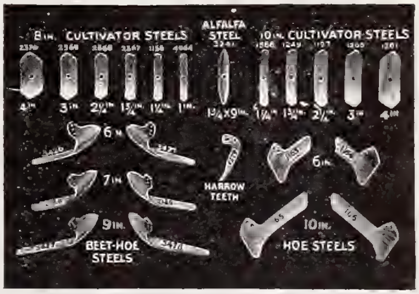
No. 100D. Light-weight Cultivator, no Wheel	$6 75
No. 101. Light-weight Cultivator, with Lever and Wheel	9 90
No. 101D. Light-weight Cultivator, with Lever, no Wheel	8 30

No. 220 Planet Jr.



Saves Time, Labor—
Produces Bigger Crops

It will distribute 100 to 2,000 pounds of commercial fertilizer to the acre. The shut-off rod is operated without stopping the distributor....................$26.00 each



8-inch Steels Fit Planet Jr. Horse Hoes, Plain Cultivators, and No. 72 Pivot Wheel Cultivators.

No. 4064. 1 x 8-in. Steels	$0 16
No. 1156. 1¼ x 8-in. Steels	17
No. 2367. 1¾ x 8-in. Steels	18
No. 2368. 2¼ x 8-in. Steels	19
No. 2369. 3 x 8-in. Steels	21
No. 2370. 4 x 8-in. Steels	27

10-inch Steels Fit All Planet Jr. Two-Horse Cultivators Excepting No. 72.

No. 1888. 1¼ x 10-in. Steels	$0 20
No. 1249. 1¾ x 10-in. Steels	21
No. 1199. 2¼ x 10-in. Steels	22
No. 1200. 3 x 10-in. Steels	26
No. 1201. 4 x 10-in. Steels	30

Hoe Steels Fit Planet Jr. Horse Hoe Side Standards.

	Pair
No. 1163/4. 6-in. Hoe Steel and Bolt.	$1 20
No. 1165/6. 10-in. Hoe Steel and Bolt.	1 40

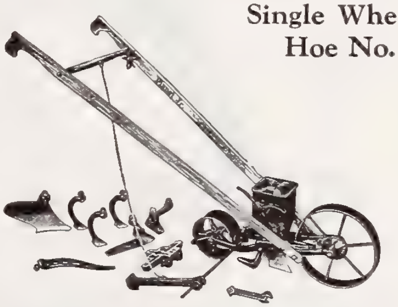
Shovel Steels Fit All Planet Jr. One- and Two-Horse Cultivators.

No 2539. 7-in. Shovel Steel	35 cts. each
No. 2540. 8-in. Shovel Steel	40 cts. each
No. 1167/8. 6-in. Hillers	$1.20 per pair
No. 495/6. 7-in. Plows	$1.50 per pair
6-in. Hillers, with connecting pieces	$2 per pair
7-in. Plows, with connecting pieces	$2.30 per pair

Fire Fly Steels (Planet Jr.)

No. 4639. 1 x 8 in.	$0 12
No. 4640. 1¼ x 8 in.	13
No. 4641. 1¾ x 8 in.	14
No. 4638. 2 x 8 in.	15
No. 4642. 2¼ x 8 in.	16
No. 4643. 3 x 8 in.	17
No. 4644. 4 x 8 in.	19
Planet Jr. Bolts. 1¾-in.	3½ cts. each
2½-in.	4 cts. each
3-in.	5 cts. each

Planet Jr. Combined Seeder and Single Wheel Hoe No. 4

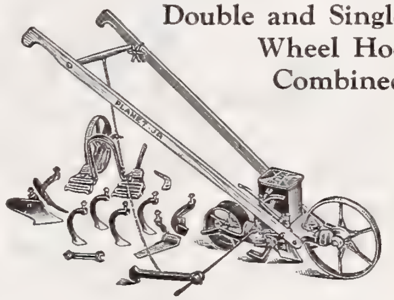


The No. 4 Seeder and Wheel Hoe is the most useful combination available for the home or market gardener. Sows all vegetable seeds in the drill or drops in hills 4, 6, 8, 12, or 24 inches apart. Fine assortment of cultivating attachments take care of all garden work.

Capacity of seed hopper, 2½ quarts. Quickly changed from hill to drill seeder and from seeder to wheel hoe.

No. 4 Hill and Drill Seeder and Single Wheel Hoe Combined	$16 75
No. 4-D Seeder only	13 50

No. 25 Hill and Drill Seeder Double and Single Wheel Hoe Combined

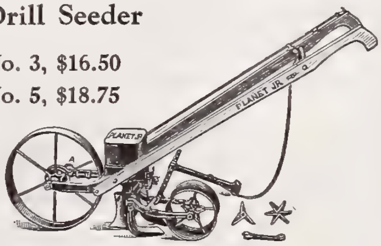


The "Complete Gardener." Sows all vegetable seed in the drill and drops in hills 2, 6, 8, 12, and 24 inches apart. As a Double Wheel Hoe it straddles the row, cultivating both sides at one time until the plants are 20 inches high. Cultivating attachments consist of 1 pair of Plows, 1 pair of 6-inch Hoes, 4 Steel Cultivator Teeth and a pair of Leaf-Lifters......................$21.00 each

Nos. 3 and 5 Planet Jr. Hill and Drill Seeder

No. 3, $16.50

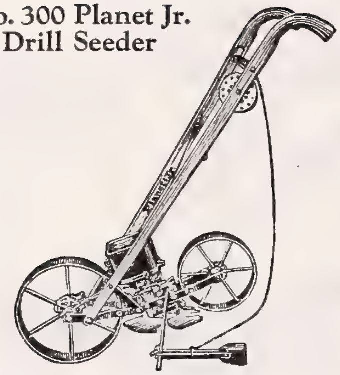
No. 5, $18.75



These Seeders are undoubtedly the most favored by market gardeners and other large commercial growers. They are identical in operation and construction, the only difference being that the No. 3 has a 15-inch drive-wheel and holds 3 quarts of seed, while the No. 5 has a 16½-inch drive-wheel and holds 5 quarts of seed.

Garden Tools and Cultivators

No. 300 Planet Jr. Drill Seeder

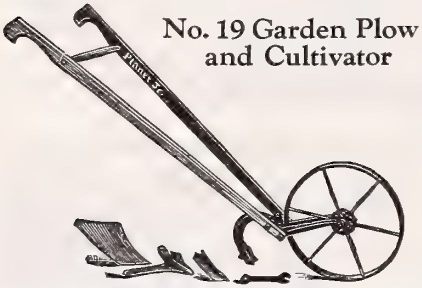


There has always been a demand for a quality Seeder which will sow through holes in a plate rather than through a variable diamond-shaped opening.

The seed is pushed through a hole in the plate by a patented feed wheel of a new type, assuring accurate seeding.

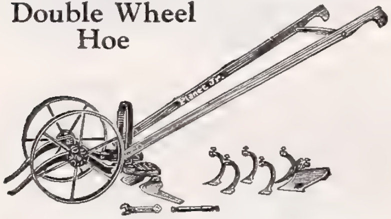
Capacity, 4 quarts $18.75

No. 19 Garden Plow and Cultivator



Equipment: One 2-in. Cultivating Tooth; one 10-in. Sweep; one Plow. Packed weight, 18 lbs. Has 15-in. Steel Wheel $4.75

No. 12 Planet Jr. Single and Double Wheel Hoe

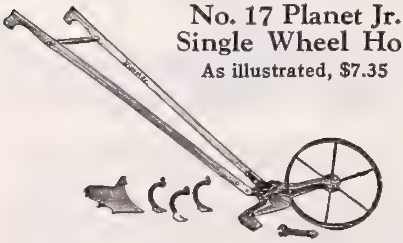


The most popular combination of Double and Single Wheel Hoe for the market and home gardener in use today. The assortment of cultivating attachments consists of one pair of Plows, one pair of 6-inch Hoes, four Steel Cultivator Teeth, and one pair of Leaf-Lifters. Cultivates both sides at one time. $10.25

No. 11. With 4½-inch Hoes and four Rakes. $13.00

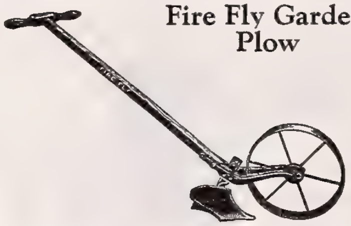
No. 17 Planet Jr. Single Wheel Hoe

As illustrated, $7.35



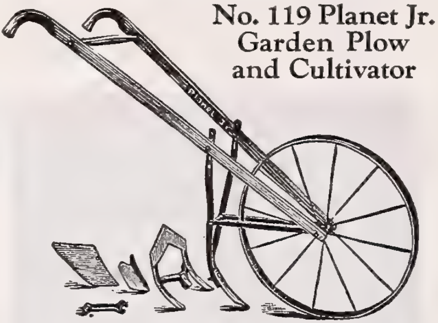
No. 16. With Rakes and Leaf-guard . . $8 50
No. 18. With two 6-in. Hoes only 5 50

Fire Fly Garden Plow



This is an exceedingly useful tool to owners of small gardens. It will throw a furrow 4 to 6 inches wide and 1 to 3 inches deep. $4.00

No. 119 Planet Jr. Garden Plow and Cultivator

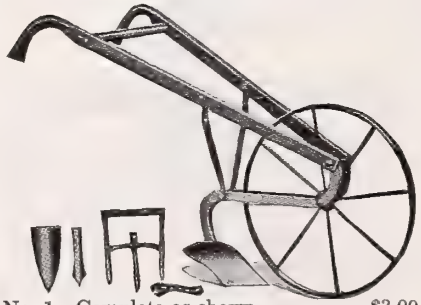


No. 119 has a very strong wheel, 24 inches in diameter, with $\frac{3}{16}$ x $\frac{3}{8}$-inch steel spokes.

Equipment: One 1¼-inch Cultivating Tooth; one 4-inch Cultivating Tooth; one Plow; one Reversible Scuffle Blade $3.75

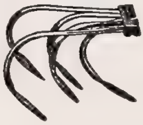
Furnished with Norcross 5-tooth Weeder Attachment in place of Scuffle Blade as 119W $4.00

"Oriole" Garden Plow



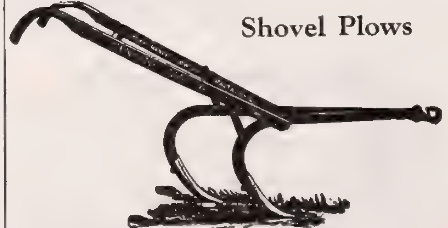
No. 1. Complete as shown $3.00
No. 2. With 5-tooth Weeder attached instead of Scuffle Blade $3.25

Planet Jr. Five-Tooth Weeder Attachment



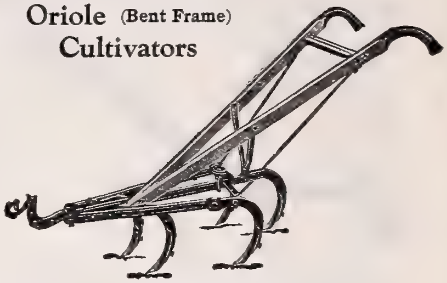
Can be attached to any of the garden plows . . . .$1 each
Regular 5-tooth Attachment . . . . .75 cts. each

Shovel Plows



Farmers' Favorite. Single-shovel Plow, $4.60; Double-shovel Plow, $5.
Regular Triple-shovel Plow $6.75

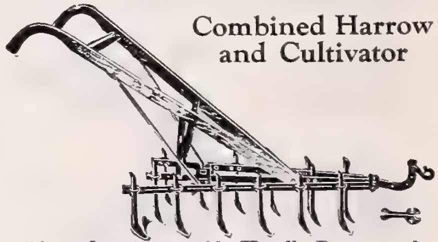
Old Dominion (Straight Frame) Oriole (Bent Frame) Cultivators



With outside Handle Braces and Wheel Clamp.

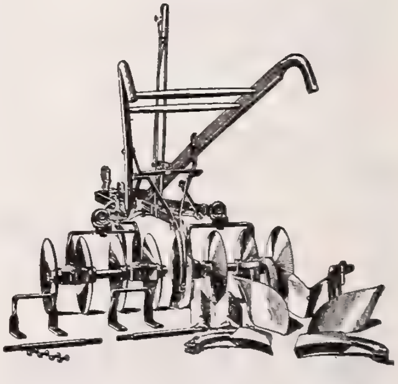
Cultivator, plain	$5 40
Cultivator with Lever	6 25
Wheels for Cultivators	90

Combined Harrow and Cultivator



14-tooth, with outside Handle Braces and Wheel Clamp, without Lever $7 00
With Lever 7 75

Frank Beasley's Patent Disc Attachments



If you have a good 5-tooth cultivator, you can secure these parts to attach to same and make your old cultivator as up-to-date as it would be possible to have it. These Disc Attachments come in gangs of either six or eight discs or can be had in combination of six and eight discs.

These disc gangs are sometimes used on fertilizer distributors with fine results. To fit any 5-tooth cultivator.

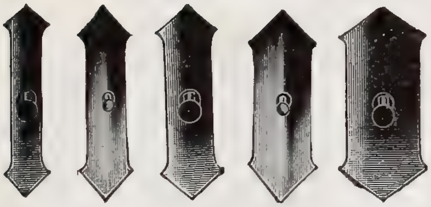
Six-Disc Attachment. Weight, 43 lbs. . $8.75
Eight-Disc Attachment. Weight, 53 lbs. $10.75
Combination 6- and 8-Disc Attachment. $12.
Disc Cultivator complete, 8-disc and standards for 5-tooth and wheel $25.25

Handles

Handles, Cultivator. Complete. Per pair. $1.50

Single, Double or Triple Shovel Plows. Complete with Round and Rod. Per set. $1.50

Cultivator Steels and Machinery Parts



Walking Cultivator Steels

	Per 100
No. 0. 1¼ x 8 in.	$11 00
No. 1. 2 x 8 in.	13 00
No. 89. 2½ x 8 in.	14 40
No. 82. 3 x 8 in.	15 00
No. 83. 3½ x 8 in.	17 50
No. 84. 4 x 8 in.	19 00
No. 10. Turn Shovel	24 00
No. 16. Turn Shovel	24 00
No. 11. 6-in. Sweep	35 00
No. 11. 8-in. Sweep	40 00
	Each
No. 12. Horse-Hoe, Steel	$0 65
No. 18. 6-in. Sweep	50
No. 18. 8-in. Sweep	30
No. 18. 10-in. Sweep	34
No. 18. 12-in. Sweep	36
No. 18. 15-in. Sweep	43
Wheels for Cultivator	90

Plate Bolts, 1½-in., $1.70 per 100; 2-in., $1.80 per 100; 2½-in., $2 per 100.

Wheel Cultivator Clamps. 48 cts.

Horse-Hoe Attachments, complete, $2.40 per set of three pieces.

Teeth for Baltimore Combined Harrow. 12 cts.

Riding Cultivator Steels

	Each		Each
1¼ x 10 in.	$0 15	3 x 10 in.	$0 19
1½ x 10 in.	16	3½ x 10 in.	22
2 x 10 in.	17	4 x 10 in.	24
2½ x 10 in.	18		

Shovel Plow Steels

FF Triple Shovel Steels, sizes 4 x 7, 4½ x 7, 5 x 8, 5½ x 8, 13 cts. per lb.

FF Double Shovel Steels, sizes, 5 x 10, 6 x 10, 7 x 10, 8 x 10, 12 cts. per lb.

FF Single Shovel Blades, all sizes, 12 cts. per lb.

Mower Poles

Made of Fir. Will interchange with McCormick, Deering, and other mowers using poles of this size. 3 x 5 x 13 ft.; natural. $3.50

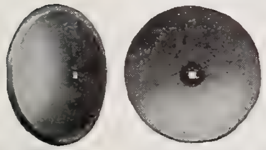
Solid Copper Rivets and Burrs

Each of following sizes in ¼-lb. packages:

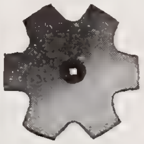
No. 9. Lengths, ⅝ in., ¾ in., ⅞ in., 1 in., 60 cts. per lb.

No. 10. Lengths, ⅝ in., ¾ in., ⅞ in., 1 in., 60 cts. per lb.

Harrow Discs



Front and Back Regular Harrow Discs



Cutaway Harrow Disc

Harrow Discs.	
16-in.	$1 10
18-in.	1 50
Clark Cutaway Discs.	
16-in. Horse-drawn	1 70
18-in. Horse-drawn	2 10
24-in. Bush and Bog	5 50

Furnished 13/16- and 15/16-in. square hole.

Spring Harrow Teeth

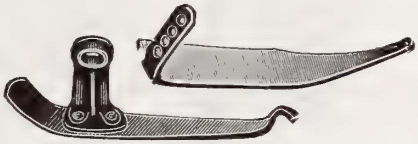
For all leading Harrows.............50 cts.

Machinery Bushings

No. 200. Assortment in sizes from ⅝ to 2¼ inches. Weight, 5 lbs. per box......$2.50

Bushings in Bulk (14-gauge)

	Per 100		Per 100
¾-in.	$1 00	1½-in.	$2 00
1-in.	1 25	2-in.	4 00
1¼-in.	1 50		



Shoe Soles for Mowers

Adriance

3099D. Inner, Nos. 7 and 8	$1 20
3073J. Outer, Nos. 7 and 8	60

Champion

H381. Inner Draw-cut	95
H483. Outer Draw-cut	85
A6207. Inner, Improved Mower	85
A5847. Outer, Improved Mower	75

Deere-Dain

Z5379. Inner, Dain	90
Z5231. Outer, Dain-Deere	60
Z6058. Inner, Deere	90

Deering

D2510. New Ideal, Inner (D3501)	90
D2937. New Ideal, Outer	60

Emerson

M95S. Inner	1 00
M173½S. Outer (0-10959), with Bracket	70

Johnston

63FC. Outer, with Bracket	1 00
1812. Inner, Nos. 9, 12, and 14	80
2323. Inner, No. 12	90
63FD. Outer, No. 14	1 00

McCormick

M465. Inner, New 4-1896-11	90
MB465. Inner, New 4-1912	1 00
MA259. Outer, New 4	60

McCormick-Deering

MB465. Inner	1 00
MA259. Outer	60

Massey-Harris

M2216. Outer, Nos. 20 and 21, plain	55
M2217. Outer, Nos. 20 and 21, with Bracket	1 00
M2276. Inner, Nos. 20 and 21	90
130X. Inner, No. 11	85
L1065. Inner, No. 22	90
M2898. Outer, No. 22, with Bracket	1 00

Milwaukee

PJ108. Inner	90
PJ278. Outer	70

Osborne

7010. Inner	1 00
10959. Outer	65

Thomas

1041. Outer	60
1096. Inner	1 00
1107. Inner (New Mower)	75

Link Chain Belting

For use on mowers, reapers, binders, corn and wheat drills, corn shellers, feed cutters, straw stackers, traction engines, etc.

	Links per ft.	Av. Ult. strength	Price per ft. all plain links	Price per link
No. 25	13.3	700 lbs.	$0 17	$0 03
No. 32	10.4	1100 lbs.	17	03
No. 33	8.6	1190 lbs.	16	03
No. 34	8.6	1300 lbs.	18	03
No. 35	7.4	1200 lbs.	20	03
No. 42	8.75	1500 lbs.	19	04
No. 45	7.4	1600 lbs.	18	03
No. 48	6.0	1660 lbs.	23	04
No. 50	8.7	1900 lbs.	22	05
No. 51	10.4	1900 lbs.	24	06
No. 52	8.0	2300 lbs.	23	05
No. 52½	7.9	2866 lbs.	32	06
No. 55	7.4	2200 lbs.	20	05
No. 62	7.25	3100 lbs.	27	06
No. 65	5.66	2460 lbs.	30	08
No. 72	5.9	4240 lbs.	45	08
No. 72½	7.25	4590 lbs.	55	09
No. 76½	5.8	3890 lbs.	42	09
No. 77	5.2	3600 lbs.	35	09

Attachment Links and Steel Links also furnished.

Harrow Shoes

Made of ⅜-inch stock complete with Bolts.

To Fit

International. 2 section	$3 94
3 section	5 77
Massey-Harris, No. 15. 2 section	3 30
No. 15. 3 section	4 65
Oliver. 2 section	4 80
3 section	6 75
Syracuse. 2 section	3 42
3 section	5 19
Osborne. 2 section, ¼-inch stock	2 70
3 section, ¼-inch stock	3 97

Corn Planter Runners

In ordering Planter Runners, always state, as near as possible, the year Planter was made; whether steel or wood frame; or, better still, a diagram showing position of hole and size of bend.

Single-Row Planters

	Pair
Rock Island	$2 00
Empire	2 00
Hench & Dromgold Daisy	2 00
Hoosier	2 00
Case, Farmers' Friend	2 00
Black Hawk	2 00
Avery, No. 27	2 75

For Double-Row Planters

	Pair
Janesville, Nos. 1, 5, 7, and 8	$4 50
Black Hawk, Nos. 1, 3, 4, and 5	4 40
Black Hawk, No. 15, with Block	5 00
Deere, No. 9	4 40
Deere, No. 99, with Blocks	5 00
New Way	5 00
International, with Block	5 00
I. I. Case, No. P344	4 40
Superior	4 40
Superior, with Block	5 00
Hoosier, Nos. 10 and 11	4 40
	Each
Tiger Transplanter, Shallow	$4 00
Tiger Transplanter, Deep	4 50
Case Transplanter	4 50

Rivets. 15 cts. per lb.

All of our Repair Parts are made accurately and they are guaranteed to fit. Write for any parts we do not list

Mower and Binder Extras to Fit Leading Machines

PARTS FOR OLDER MACHINES CAN ALSO BE SUPPLIED

By following the name of machine across the page, you can find correct number of part wanted.
When ordering Mower Knives and Sickles, always state number of Knife-Head, and how many cutting sections on Knife.

NAME OF MOWER	No. of Knife-Head	Section	No. of Guard	No. of Guard Plate	No. of Pitman	No. of Pitman Box	PRICE PITMAN BOX
Adriance (Buckeye)	557F	745	3087H	716½C	3032H	61K	$0.80
Champion, New Draw Cut (1905–12)	A870	MA333	A881	H253	Steel	B683½	1.60
Champion, Imp. and V. L (1909 and since)	A5792	MB333	AA881	H253	Steel	A1133	1.60
Deere-Dain Mower (1895–1919)	Z45	Z5059	Z1	Z5110	Z5076	Z205	.80
Deere Mowers (1923 and since)	Z502	Z5571	A463H	Z5062	Z5661	Z513	.80
Deering, Ideal, Steel Pitman	F123	D1140	D442	D1043	Steel	D334	1.00
Deering, Ideal, Wood Pitman	D463	D1140	D698	D1739	D2907	G191	.65
Emerson, Standard (1900 and since)	M203	M193S	M614	M301S	Z397	M517	.80
Johnston (1909 and since)	2211	920	1811	912	2228C	2207C	.65
Massey-Harris, No. 11, one-horse	919	920	1811	912	304X	256	.70
Massey-Harris, Nos. 20, 21, and 22	M902	M2492	M803	M2494	M5176	M800½	.70
McCormick (1888–1909)	M139	MA333	M462	M219½	M392	M317	.65
McCormick (1910 and since)	M139	MB333	MD989	MA990	M392	MD317	.65
McCormick-Deering (1923 and since)	MA139	MB333	MD989	MA990	M392	MD317	.65
Milwaukee, Chain-drive	PG6	PG155	PK5S	P201S	PV290	PJ50	.60
Moline-Adriance	557F	745	3087H	716½C	3032H	61K	.80
Osborne, Columbia (1902–1905)	K284	K223	K514	5401	Steel	K826	.80
Osborne, Nos. 1, 2, and 3 (1905 and since)	K774	5406	KC790	11565	J9439½	KA1158	.80
Thomas-Crown (1888–1923)	6	1077	03	1046	1069	25	.70
Thomas-New Crown (1924 and since)	CM402	1077	CM3	1238	1245	25	.70
Wood-Admiral (1907–1914)	2862	3410	L	9571	8965	2941	1.20
Wood, Vertical Lift (1925 and since)	K366	3410	L	9571	K3434	AK367	1.20

NAME OF BINDER	No. of Knife-Head	Section	No. of Guard	No. of Guard Plate	No. of Pitman
Adriance No. 7 (1915 and since)	JA102	A84	2090	716½A	J1230
Champion, Improved (1909 and since)	2564	G241	3025	G167	Steel
Deere (1914 and since)	HZ493	HZ5186	HZ147	HZ5183	HZ9140
Deering, Ideal (1898 and since)	H877	E1328	286	E1330	H1255
Massey-Harris (1915 and since)	S213	336A	S220	D157	S1032
Milwaukee No. 12 (1907 and since)	SN342	SL877	SN37	SM681	SN844
Moline (1915 and since)	JA102	A84	2090	716½A	J1230
McCormick (1911 and since)	B756	762	HA495	H507	B763
McCormick-Deering	BA756	762	HA495	H507	BA763
Osborne (1915 and since)	C1044	11259	C752	11601	J9048
Wood, New Century (1917 and since)	H2139	7268	H2620	H2620	

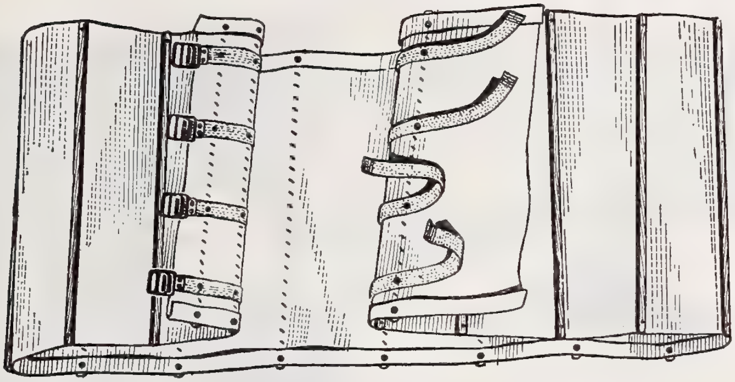
Complete Knives. 4½ ft.	$2 50	Sections. Box of 25	$1 50	Wood Mower, Pitman's (Massey-Harris)	$3 25
Complete Knives. 5 ft.	2 75	Sections. Each	08	Wood Mower, Pitman's, all others	1 75
Complete Knives. 6 ft.	3 00	Rivets. Pound	15	Wood Binder, Pitman's (McCormick).	90
Complete Knives. 7 ft.	3 25	Mower Guards	30	Wood Binder, Pitman's, all others	75
Complete Knives. 8 ft.	3 50	Binder Guards	30	Pitman Boxes (priced above).	
Knife-Heads. Steel	90	Guard or Leger Plates	05	Binder Canvas Slats	10
Knife-Heads. Malleable	50	Guard Bolts	05		

NAME	No. of Pitman Bolt		No. of Pitman Strap		No. of Knife Clip	No. of Knife Cap		No. of Wearing Plate	
	Knife End	Box End	Knife End	Box End		Front	Rear	Under Clip	Under Cap
Adriance (Buckeye)	602C	607B	600-1E	605C	3093A	3084	3086A	3094A	3098C
Champion, Draw Cut	H609	H632			A1155	A816	A1163	A5858	A5857
Champion, Improved	A5834				A1155	A1235	AB1227	A5858	A6136
Deere-Dain	Z5040	Z5035	Z220-5	Z226	Z6	Z30	Z32	Z5925	Z5063
Deere	Z5040	Z5961	Z392-3	Z516	Z6060	Z6010	Z488	Z5925	Z5685
Deering, Ideal, Wood Pitman	D2591	D2592	G211-2	G210	F94-D927	D826	D984	D3012	D1455
Emerson	Z381	Z382	M417-8	M416	M579	M528	M505		M66S
Johnson	2251	2252	2208-9C	2210	1814D	1885	926	1813	904
Massey-Harris	MA1706	M2511	M2489 M2490	M2491	M883	L136	M2515	M2277	M2278
Massey-Harris, No. 11		768	71½-71¾	216	1814D		926	1813	904
McCormick	M483	M483½	M147 M304	M315 M316	M463	M290	M652	M468	M490
McCormick-Deering	M483	M483½	M147 M304	M315 M316	MD1000	MA1239	MA652	MA468	MA490
Milwaukee, Chain-drive	PG175	PG175	PN34-5	PL9-9½	PK1	PH2	PM3	PM156	PG157
Moline	602C	607B	600-1C	605C	3093A	3084C	3086A	3094A	3098C
Osborne	9960½	9959½	8131-2	8130	K665	10828	10008	13461	10009
Thomas-Crown	1004	1005	55-6	57	317	10	B40-CM329		1091
Thomas-New Crown	1117	1005	55-6	57	CM352	1219	B40	1239-40	1091
Wood-Admiral	A2148	9534	2853 2964	2834 2835	28 65	2761	2959	K3139	K3138
Wood, Vertical Lift	K3435	K3460	K3438 K3439	K3433	2865	K364	K306	K3139	K3423

Pitman Bolts	$0 15	Pitman Straps	$0 30	Knife Clips	$0 15	Wearing Plates	$0 15

Knife Caps on Application

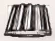
Binder Canvases—Mower Gears and Pinions



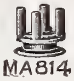
Conveyer Canvases

No.		Year	Price
	ADRIANCE—MOLINE		
JD1401.	Lower Elevator, 90 x 52 in., Nos. 4, 6, 7, and 25 Binders	1913	$5 85
JD1402.	Upper Elevator, 90 x 45½ in., Nos. 4, 6, 7, and 25 Binders	1913	5 60
J1450.	6-ft. Platform, 137 x 41 in., Nos. 4, 6, and 7 Binders	1913	7 75
J1451.	7-ft. Platform, 158 x 41 in., Nos. 4, 6, and 7 Binders	1913	9 00
J1452.	8-ft. Platform, 188 x 41 in., Nos. 4, 6, and 7 Binders	1913	10 25
	CHAMPION		
KA3145.	Lower Elevator, 77 x 51½ in., Improved Binders	1909	4 75
KA3144.	Upper Elevator, 96 x 43¾ in., Improved Binders	1909	5 10
KA3147.	6-ft. Platform, 137 x 43¾ in., Improved Binders	1909	6 60
KA3148.	7-ft. Platform, 157 x 43¾ in., Improved Binders	1909	7 65
KA3149.	8-ft. Platform, 185 x 43¾ in., Improved Binders	1909	8 70
	DEERE		
HZ9040.	6-ft. Platform, 135 x 44¾ in., Light-draft Binders	1911	6 60
HZ9041.	7-ft. Platform, 159 x 44¾ in., Light-draft Binders	1911	7 65
HZ9215.	Upper Elevator, 93 x 46⅞ in., Light-draft Binders	1917	4 75
HZ9216.	Lower Elevator, 96 x 50⅞ in., Light-draft Binders	1917	5 15
B8556.	Upper Elevator, 44½ x 97 in., New Binder	1923	4 75
B8555.	Lower Elevator, 50½ x 95 in., New Binder	1923	5 15
B8552.	6-ft. Platform, 38½ x 123 in., New Binder	1923	6 60
B8553.	7-ft. Platform, 38½ x 160 in., New Binder	1923	7 65
B8554.	8-ft. Platform, 38½ x 186 in., New Binder	1923	8 85
	DEERING		
HA4562.	Upper Elevator, 90 x 47 in., Ideal Binders	1908	4 75
HA1775.	Lower Elevator, 89 x 50⅜ in., Ideal Binders	1899	5 15
HA1772.	6-ft. Platform, 133½ x 43¾ in., Ideal Binders	1899	6 60
HA1773.	7-ft. Platform, 157½ x 43¾ in., Ideal Binders	1899	7 65
HA2791.	8-ft. Platform, 183 x 43¾ in., Ideal Binders	1899	8 85
	McCORMICK-DEERING		
BD65.	Upper Elevator, 91 x 47¼ in., R. & L. Binders	1901	4 75
BA66.	Lower Elevator, 97 x 51 in., R. & L. Binders	1901–13	5 25
BB835.	Lower Elevator, 89 x 51 in., R. & L. Binders	1911	5 15
BB466.	5-ft. Platform, 110 x 45 in., R. & L. Binders	1901	6 00
BC467.	6-ft. Platform, 134 x 45 in., R. & L. Binders	1901	6 60
BB468.	7-ft. Platform, 158 x 45 in., R. & L. Binders	1901	7 65
BC469.	8-ft. Platform, 182 x 45 in., R. & L. Binders	1901	8 85
	MASSEY-HARRIS		
A1260.	6-ft. Platform, 138 x 39 in., No. 5 Binders	1915	6 60
A1261.	7-ft. Platform, 162 x 39 in., No. 5 Binders	1915	7 65
S1107.	Lower Elevator, 88 x 53 in., No. 5 Binders	1915	5 75
S1106.	Upper Elevator, 84 x 50 in., No. 5 Binders	1915	4 75
A5013.	8-ft. Platform, 186 x 39 in., No. 5 Binders	1915	8 85
	MILWAUKEE		
SN812.	Upper Elevator, 88 x 47½ in., No. 12 Binders	1907	5 60
SN813.	Lower Elevator, 83 x 52½ in., No. 12 Binders	1907	5 85
SP817.	6-ft. Platform, 137 x 42⅝ in., No. 12 (works for SN817)	1902	7 75
SM818.	7-ft. Platform, 158 x 42½ in., No. 12 (works for SL818)	1906	9 00
	OSBORNE		
CA2022.	Upper Elevator, 88 x 42¾ in., New Osborne Binders	1909	4 50
CA2023.	Lower Elevator, 90 x 48½ in., New Osborne Binders	1909	4 75
CA2008.	6-ft. Platform, 134 x 42¾ in., Col. & New Osborne Binders	1896	6 60
CA2009.	7-ft. Platform, 158 x 42¾ in., Col. & New Osborne Binders	1896	7 65
CA2010.	8-ft. Platform, 182 x 42¾ in., Col. & New Osborne Binders	1896	8 85

Gears and Pinions

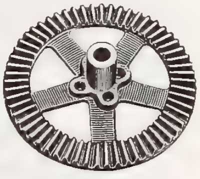


MA1408

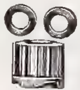


MA814

McCOR.-DEERG.



McCOR.-DEERG.
M1407

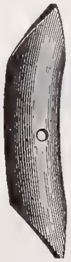


M633

McCOR.-DEERG.

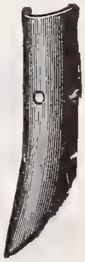
To Fit the Following:

Adriance.	
706D. Spur Pinion	$1 25
555D. Spur Gear and Bevel Pinion	5 75
Champion.	
A865. Spur Pinion	1 00
A867. Bevel Pinion	75
A864. Spur Gear	5 30
Dain, Deere.	
Z125. Bevel Gear	3 00
Z130. Bevel Pinion	70
Z414. Bevel Gear	3 00
Deering Ideal.	
D356. Bevel Gear	3 50
D458. Bevel Pinion	75
Deering New Ideal.	
D864. Bevel Gear	2 50
D865. Bevel Pinion	75
D730. Spur Pinion	85
D989. Bevel Gear	2 50
Emerson.	
M395. Clutch Gear	2 60
M404. Bevel Gear	2 15
M608. Spur Gear	2 50
M522. Bevel Pinion	75
McCormick New 4.	
M633. Spur Pinion	1 15
M635. Bevel Pinion	75
M813. Bevel Gear	3 00
McCormick New Big 4.	
M837. Bevel Gear	3 00
M838. Bevel Pinion	70
MA814. Clutch	1 00
M1400. Clutch	1 25
McCormick No. 6 Vertical.	
MA1406. Spur Pinion	1 15
M1407. Bevel Gear	3 25
M1408. Bevel Pinion	75
Thomas.	
65. Bevel Pinion	75
301. Bevel Gear	2 25
302. Triple Gear	4 25
303. Drive Gear	3 50
20. Drive Gear	3 75
Wood.	
2525. Bevel Gear	3 70
2791. Bevel Pinion	1 15
2790. Spur Pinion	1 25
K338. Spur Pinion	1 25



Grain-Drill Points

We are one of the largest distributors of Grain-Drill Points and Tubes in the country. For all the leading Grain Drills. In ordering Points, either send an old one or give name of Drill, length of Point, and be sure to give distance from center of hole to end of Point. 18 cts. each.



Farm Essentials

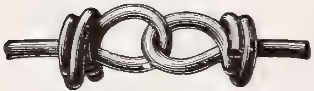
Grain-Drill Tubes

In ordering Tubes it is always best to send an old Tube as a sample. If that cannot be done, be sure to state name of Drill and by all means the length and diameter at top and bottom.

Plain Tubes........................40 cts.

Crankshaft Bushings for All Machines

Write for prices



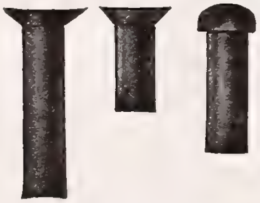
Check-Rower Wire

For Leading Planters

Comes in 10-, 20-, 40-, and 80-rod rolls. 8 cts. per rod.

Binder Canvas Tacks

Double-pointed, tinned, in ¼-lb. pkgs. 25 cts. per lb.



Iron Rivets

Most Commonly Used

Mower Section, ½ x 5½.
Binder Section, ⅜ x 6.
Knife-head Mower, ⅞ x 5½.
Knife-head Binder, ¾ x 6.
Guard Plate Mower, 1¼ x 6.
Guard Plate Binder, 1¼ x 6.
Pitman Mower, ¼ x 2¼.
Pitman Binder, ¼ x 2.

15 cts. per lb.

Harvester Buckles

1 1/16-in., with 7-in. web attached.....15 cts.

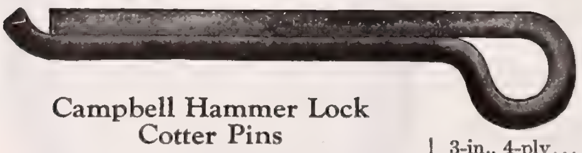
Spike Harrow Teeth

½ x 8-in.	$0 07	¾ x 11-in.	$0 14
9/16 x 8-in.	07	⅞ x 11-in.	16
⅝ x 8-in.	07	1 x 12-in.	21

Universal Clamps. 15 cts. each.

Reversible Harrow Points

Butts (Fits all harrows.)	$0 30
Butts, points only	18
Butts, clamps only	14
Syracuse. 1-hole	20
I. H. C. 2-hole	22
Osborne. B. & G., 2-hole	22
Mason No. 256. (Fits all harrows.)	30

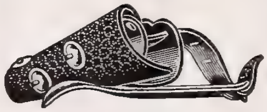


Campbell Hammer Lock Cotter Pins

Spread and locked with one blow from hammer. Easily taken out. Assorted, box of 100..........................40 cts.

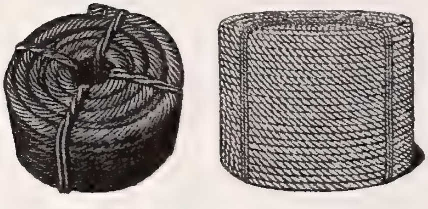
Corn Hooks and Knives

Little Giant Knife. Oval wood handle	$0 55
Black Diamond Knife. 15-in. blade, 3 in. wide	40
Field King Hook (Quynn Pattern)	40
Brook's Hook. (Corrugated.)	50
Village Blacksmith No. 1	40
Village Blacksmith No. 300	60
Village Blacksmith No. 80	50



Husking-Pins

No. 7-Y. With cot more open between the fingers. Grain leather	$0 25
No. 100-Y. Cold rolled steel, 4½ in., nickel-plated pin, with split leather shield, double compartment, and adjustable finger-strap	15
No. 00-X. Clark's "Hickory" Pin, 4½ in., made of best cold rolled steel, with one compartment	10



Binder Twine

Write for prices

Fodder Yarn

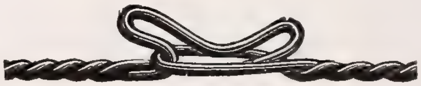
Write for prices

Best Quality Rope

Write for prices

Rope Plow-Lines

⅜-in. Manilla. 35 cts. per pr. (42 ft.).
½-in. Manilla. 45 cts. per pr. (42 ft.).
⅜-in. Cotton. 50 cts. per pr. (42 ft.).
½-in. Cotton. 60 cts. per pr. (42 ft.).



Baling Ties

No. 14. Single-Loop. 9½-ft.	$1 90
No. 15. Single-Loop. 9½-ft.	1 75

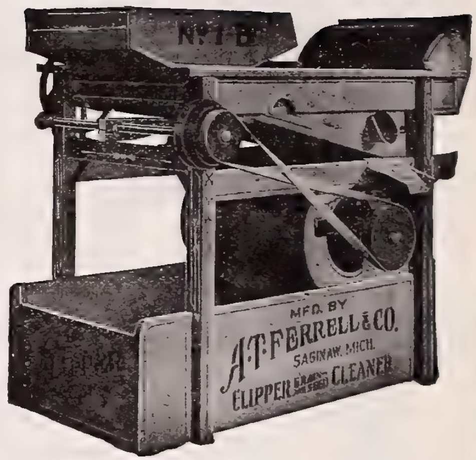
Annealed Baling Wire. Nos. 11, 12, 13, 14, and 16 always on hand at lowest market prices on application.

Special prices in quantity to threshermen and balers

Alfalfa Belting

Alfalfa waterproof Belting is a belt woven especially for great tensile strength. Nothing but the finest long, staple cotton is used.

	Per ft.
2-in., 4-ply	$0 18
3-in., 4-ply	25
4-in., 4-ply	30
5-in., 5-ply	50
6-in., 5-ply	60



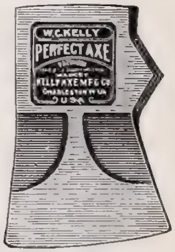
The New Clipper Grain-, Seed-, and Bean-Cleaner

These Cleaners are guaranteed to be first class in every respect. We furnish the best outfit of screens ever sent out with a farm mill. Our perforated zinc screens are graduated in 64ths of an inch in both round and oblong holes. Our woven wire screens are made of plated wire with the meshes uniform and true to count. The zinc screens will not rust and our plated wire screens will last for years if properly cared for.

Vertical Air-Blast. This is a feature that no other Cleaner has, and it makes possible some very difficult separations that can be made in no other way.

No. 2-B differs from No. 1-B only in size and capacity. Both machines are equipped with a set of 12 screens for general farm use. No. 2-B is larger.

No. 1-B	$51 00
No. 2-B	59 00
Power Attachment. Extra	1 00



Kelly Axes

Complete with 34-in. handle, 3½, 4, 4½, and 5 lbs...................$2

Single Bit. 4½ and 5 lbs. $1.50

Kelly Half-Hatchets. 90 cts.

Axe Handles

Oriole. Extra-selected second-growth all-white hickory Axe Handles........35 cts.

Wedges

Strong steel Wedges for splitting wood. Have the right taper and will stick in the wood. Weight, from 3 to 6 lbs....Lb. 10 cts.

Saw Mandrels

Price, $12

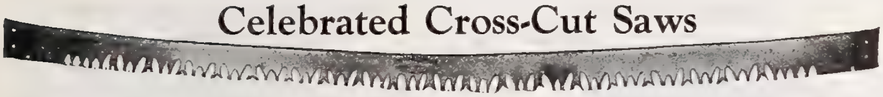
No. 2. Made from finest cold rolled steel, 1 1/16 inches in diameter, 49 inches long. Furnished with 50-lb. fly wheel, 6 x 6-inch pulley, and is turned for saw with 1⅜-inch hole.

Claw Hammers

No. 5191½—Hand Made ......60 cts. each
No. 5171½—Falls City........60 cts. each

Saws, Hog Scalder and Feed Cookers

Celebrated Cross-Cut Saws

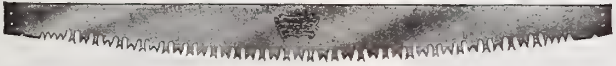


Narrow American

5-ft.	$1 95
5½-ft.	2 15
6-ft.	2 30

Narrow Champion

5-ft.	$1 70
5½-ft.	1 85
6-ft.	2 00



Wide Back Saws

Wide American Tooth

5-ft.	$3 00
5½-ft.	3 30
6-ft.	3 60

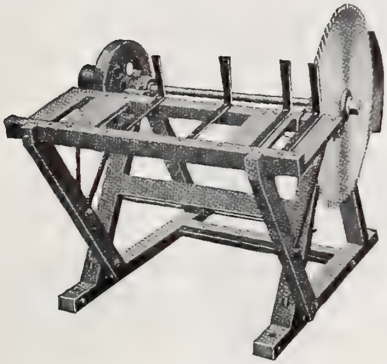
Champion Tooth

5-ft.	$2 70
5½-ft.	2 95
6-ft.	3 20

Price of Cross-Cut Saw is without Handle. Climax Handles, 40 cts. per pair

One Man Cross-Cut Saw

Champion. 3 ft., $2.20; 3½ ft., $2.50; 4 ft., $2.85



No. 700, with Tilting Table

Built specially for sawing poles and cordwood with ease and in fastest time. Mandrel of finest cold rolled steel, $1\frac{7}{16}$-in. diameter, 49 in. long—fitted for saw with 1⅜-in. hole. Fly-wheel is accurately machined and carefully balanced, 10½ in. diameter. Weight, 65 pounds. Standard pulley, size 6 x 6 in. Special self-aligning bearings lubricated with hard oilers, securely bolted together.

Complete shipping weight, 250 lbs.

Without Saw Blade	$25 75
With 22-in. Saw	29 05
With 24-in. Saw	29 65
With 26-in. Saw	30 25
With 28-in. Saw	31 00
With 30-in. Saw	31 90

Tractor Sawing Outfits to Fit Fordson, Farmall, or McCormick-Deering Tractors

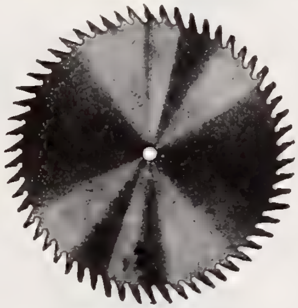
SPECIFICATIONS:

Mandrel: Cold rolled steel shafting, 36 inches long, $1\frac{7}{16}$-inch diameter, with arbor machined for saws having 1⅜-inch hole. The mandrel washers are large and accurately machined.

Bearings: Ball and socket type; self-aligning; can be adjusted to take up wear.

Pulley: Eight inches in diameter with 6-inch crown face. This pulley was designed especially for use with our Fordson Saw Attachments.

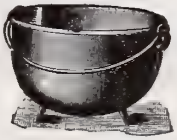
Price, including Belt and 30-inch Saw Blade, $40



Gritco Circular Saws

Each blade is given a tough, even temper and perfect tension, all of which is essential to the successful running of the Saw. The workmanship of these blades is unequaled. The prices given are for Saws sharpened and set. All blades with 1⅜-inch hole.

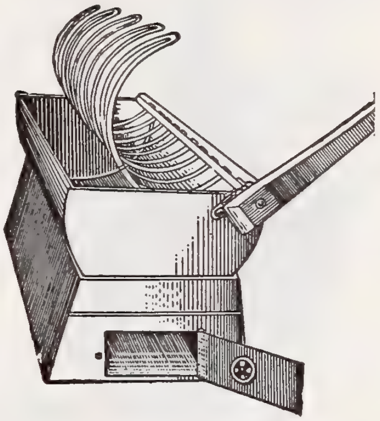
22-in., 12-gauge	$3 30
24-in., 11-gauge	3 90
26-in., 11-gauge	4 50
28-in., 10-gauge	5 25
30-in., 10-gauge	6 15



Iron Kettles with Bails

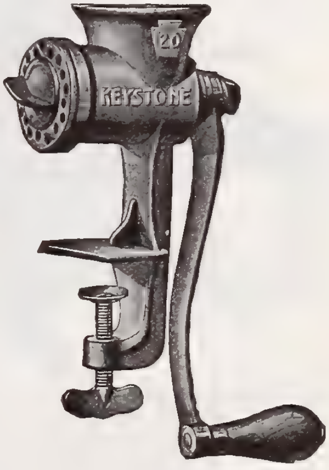
No. 1551. Capacity 7½ gals.	$3 50
No. 1552. Capacity 10 gals.	5 50
No. 1553. Capacity 13 gals.	6 50
No. 1555. Capacity 20¼ gals.	8 50
No. 1556. Capacity 24 gals.	10 25

Steel Hog Scalder and Cooker



Plain Scalder, 6 x 2½ x 1½ ft. deep.	$25 each
Fire-box, with 5-inch pipe-hole	$15 each
Dumping-rack with Lever	$15 each
Scalder, complete	$55 each

Weight, 440 lbs.



Keystone Food Chopper

No. 10. Will chop 1½ pounds meat per minute. Weight, 3⅝ lbs.	$1 20
No. 20. Will chop 2 pounds meat per minute. Weight, 4½ lbs.	1 35
No. 30. Will chop 3 pounds meat per minute. Weight, 6¼ lbs.	1 75
No. 40.	2 35
No. 45.	2 35
Stuffing attachment for No. 20 or 30 Chopper	85

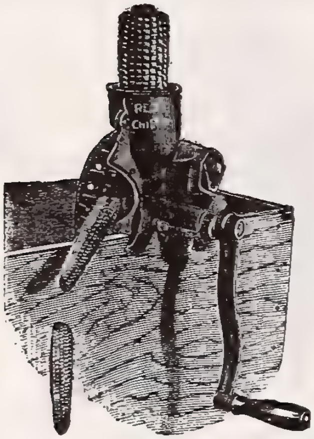
G. & T. Boiler and Feed Cooker

	Unusual Rating	Actual Capacity	Diam. of Furnace	Shipping Wt. lbs.	Furnace with Kettle	Furnaces only	Scalding Kettles only
No. 3	30 gals.	24¼ gals.	26 in.	160 lbs.	$23 00	$11 50	$13 00
No. 4	35 gals.	30 gals.	28½ in.	190 lbs.	26 00	12 25	15 00
No. 5	40 gals.	37 gals.	29½ in.	200 lbs.	30 00	13 00	18 00
No. 6	50 gals.	45 gals.	31½ in.	258 lbs.	34 00	13 75	22 00
No. 7	55 gals.	52 gals.	32 in.	280 lbs.	36 50	15 00	24 50

We always ship Furnaces without firepot for coal unless otherwise specified. For wood fuel no firepot or grate is required, but for coal it is necessary to use firepot. **Firepot,** $7.85. **Grate,** $1.25, f.o.b. factory.

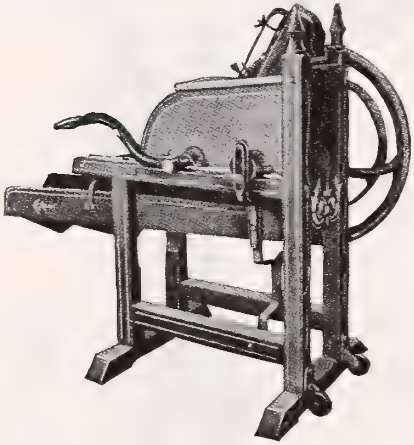
Shellers—Mills—Troughs

Red Chief Corn Sheller



Weight, 12 lbs....................$2.25 each

The Baltimore Sheller



No. 20. Double Spout Sheller. This Sheller is built very strong from the best materials, and has a combination fly-wheel and pulley. Hand and power, with shaker belt and fly-wheel. Capacity, 200 bushels per day. Capacity by power, 500 to 600 bushels. Weight, 300 lbs. With shaker. $34.25 each

Oasis Presses

Guaranteed to be entirely satisfactory in execution, ease of operation, durability, and finish. Made in 4 sizes.

	Size of Tub	Capacity	Price
No. 101	11½ x 11¼ in.	½ bus.	$10 00
No. 202	14¼ x 12¼ in.	¾ bus.	13 00
No. 303	17¾ x 15½ in.	1½ bus.	23 00
No. 404	23¼ x 20 in.	3½ bus.	33 50

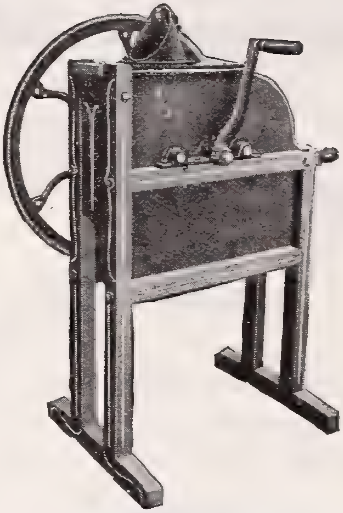
All furnished with hinged tub.

Hocking Valley Double Cage Mill

Best and strongest Mill built. Adjustable for all sizes of apples. All have hinged tubs and iron roller.

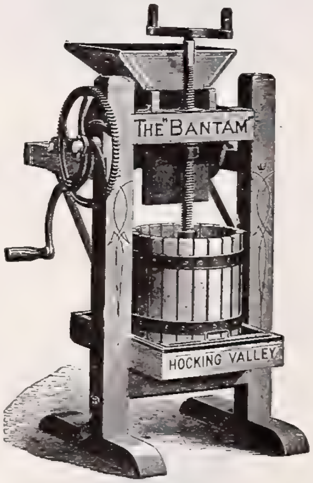
Junior.	2 to 4 barrels per day	$30 00
Medium.	4 to 6 barrels per day	34 00
Senior.	6 to 8 barrels per day	50 00
Pulley,	extra	2 50

Buch's Sheller



No. 3. One Hole Sheller. Separates corn and cob. Corn discharged beneath Sheller, cobs at end. Easily adjusted for large or small ears. Capacity, 125 bushels a day. Weight, 130 lbs...............$15.25 each

Hocking Valley Bantam Cider Mill



This single-cage Mill is strongly built throughout. Will grind 1 to 2 barrels per day. With hinged tub....................$22 00

Baskets

Utility Galvanized Steel Baskets

With Drop Handles. 1-bus.	$0 90
1½-bus.	1 25
½-bus.	70

Split Bamboo and Oak Baskets

Iron-bound.

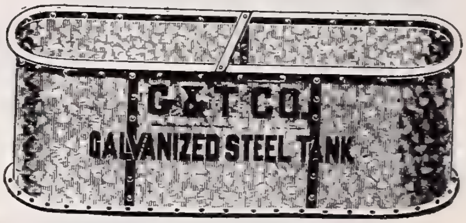
1-bus.	$1 35	2-bus.	$2 60
1½-bus.	1 85	3-bus.	3 50

Wood Measures

¼-pk.; flat hoops	$0 65
Pk. and ½-pk.; flat hoops	1 00
½-bus.; flat hoops	1 25

Daisy Indestructible Farm Baskets

No. 2-PB. ½-bus. rounded full. Made of No. 12 Galvanized Wire, spaced approximately ⅝-inch apart. Hoop welded to each vertical wire. Patent ears that can never come off. Regular bails No. 6 galvanized wire........................$1.25 each



Round-End Galvanized Tanks

No.	Width ft.	Height ft.	Length ft.	Capacity gals.	
RE 224	2	2	4	91	$10 00
RE 225	2	2	5	117	12 00
RE 226	2	2	6	144	14 00
RE2525	2½	2	5	145	13 25
RE2526	2½	2	6	178	15 50
RE2528	2½	2	8	245	19 85

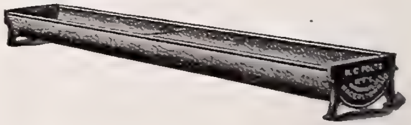
Round Galvanized Tanks

No.	Diam. ft.	Height ft.	Capacity gals.	
R32	3	2	91	$12 00
S43	4	3	240	19 75
S44	4	4	310	24 00

Heavy Cast-Iron Hog Troughs

No danger of bursting in winter. Twelve inches wide at the top, 2 inches at bottom, and 7 inches deep. Made from 2 to 8 ft. long. $1 per ft.

Galvanized Steel Stock Troughs

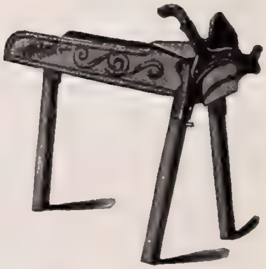


These Troughs will not rust or corrode, and will not damage by freezing.

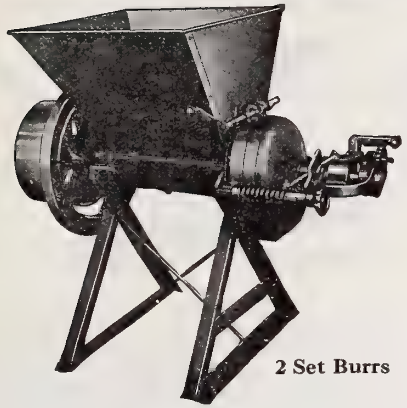
Length	Width	Capacity	
3 ft.	16 in.	18 gals.	$7 60
4 ft.	16 in.	24 gals.	8 60
6 ft.	16 in.	36 gals.	10 25
8 ft.	16 in.	48 gals.	12 00
10 ft.	16 in.	60 gals.	14 40
12 ft.	16 in.	72 gals.	17 00
4 ft.	20 in.	40 gals.	10 75
6 ft.	20 in.	60 gals.	13 20
8 ft.	20 in.	80 gals.	15 20
10 ft.	20 in.	100 gals.	18 30
12 ft.	20 in.	120 gals.	20 25

Maryland Lever Cutter

Strong, cheap, and durable. $7.50 each



Miscellaneous Implements and Planters



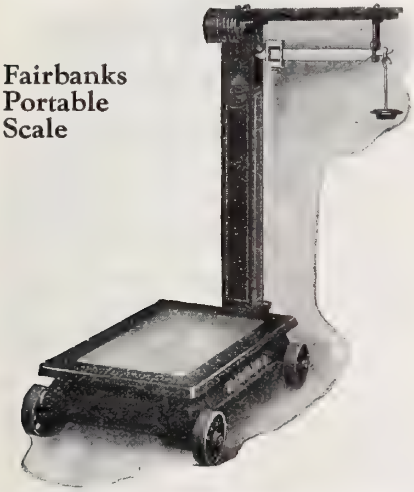
Stover Special Feed Grinding Mills

For grinding dry-ear corn, shelled corn, and all of the small grains.

Capacity, from 3 to 6 bushels per hour per horse power, depending upon the grinding condition of the grain and the fineness of the feed.

		Pulley	Weight	
No. 106	6-in.	12 x 4 in.	200 lbs.	$28 00
No. 108	8-in.	12 x 6 in.	275 lbs.	38 25
No. 42	8-in.	10 x 6 in.	400 lbs.	50 00

Fairbanks Portable Scale



This type of Portable Platform Scale is one of the most efficient for general use and is furnished either with or without wheels. It is equipped with arrow-tip single beam having a center indicating sliding poise with set-screw, all of brass. Durably and attractively finished in blue with bronze stripe, all well varnished for protection.

No. 1124. Capacity, 1,000 lbs. Platform, 18 x 27 in.	$27.70
No. 1128. Capacity, 500 lbs. Platform, 16 x 25 in.	$24.25

New York Pattern Store Trucks

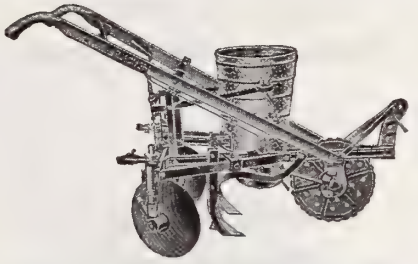
Half Strapped.

No. 1. 48-in. handle	$8 00
No. 2. 51-in. handle	9 25
No. 3. 54-in. handle	11 00
No. 4. 60-in. handle	15 00

Full Strapped.

No. A1. 48-in. handle	9 00
No. A2. 51-in. handle	11 00
No. A3. 54-in. handle	12 75
No. A4. 60-in. handle	16 00

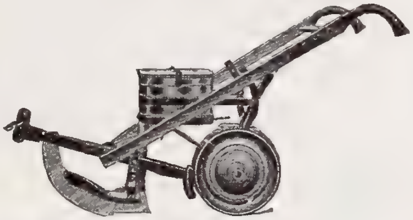
BALTIMORE STORE TRUCK. $4.60.



Cole "Labor-Saver" Plow and Fertilizer Distributor No. 60

Remember this: The Cole "Labor-Saver" No. 60 puts out the fertilizer, mixes it with the soil, and makes a bed ready for the planter in one trip ... $23.75 each

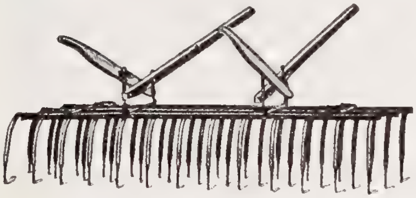
Ridge board with Spring ... $1.75 each



Cole Plain-View Planter No. 11

The Cole Plain-View Planter is the most wonderful invention in Seed Planters. Most accurate and reliable Corn Planter ever made.

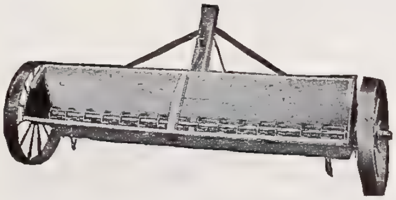
No. 11. Plain Planter	$22 50
No. 12. Fertilizer Planter	26 50
Spring Cover	1 75



Gritco Flat-Tooth Weeders

7½-ft.	$13 00
9-ft.	16 50
Extra Teeth	25

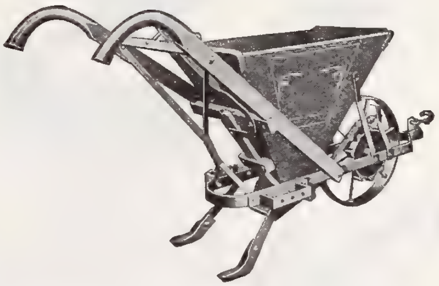
Gritco Broadcast Lime Distributor



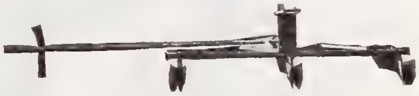
Box is full 8 feet long; holds about 10 bushels; will sow from 200 to 4,000 lbs. per acre, depending on condition and kind of fertilizer.

Stock size: 8-ft. Box with pole, $55; 6-ft. Box with Shafts, $55; Doubletrees and Yoke, add $3.40.

Farmers' Favorite One-Horse Fertilizer Distributor



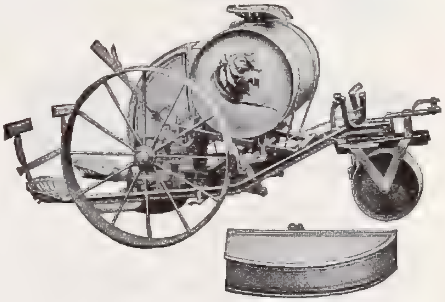
Commercial fertilizer can be sown with this machine in quantities of from 200 to 2,400 pounds per acre ... $12.50 each



Virginia Row Marker

Very useful for farmers and gardeners for marking corn and potato rows. Fitted with extra side plates on runner.

No. 3. 3-Row, will mark 3 to 5 feet. $17.50.



Improved Tiger Transplanter

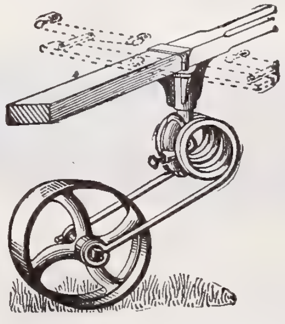
Adaptable to all conditions of planting and spacing; adjustable to all conditions of soil and ground—on hillside or level; will space plants from 14 to 64 inches apart, and operates as readily with either horse or tractor power.

Driver and two planters can set 5 acres a day without undue strain or hurry. $95.00 ea.

Double-Wheel Fore Truck for planting Sweet Potatoes ... $10.50

Fertilizer Attachment ... $18.00

Keystone Tongue Support

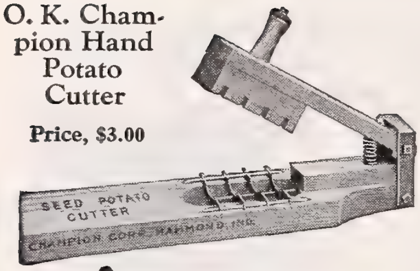


For harvesting machinery and disc harrows. $5.00

Harrows, Rollers, and Scrapers

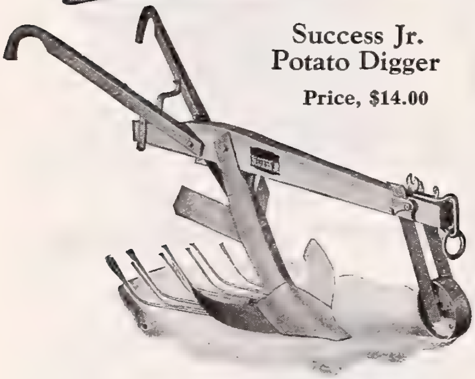
O. K. Champion Hand Potato Cutter

Price, $3.00

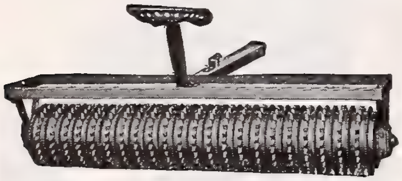


Success Jr. Potato Digger

Price, $14.00



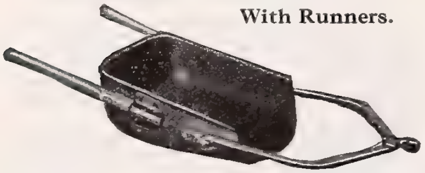
Dunham Sprocket Pulverizer



Single Sections. 8-ft.; rolling capacity 7 ft.; weight, 975 lbs., less Trees and Yoke. $58.50

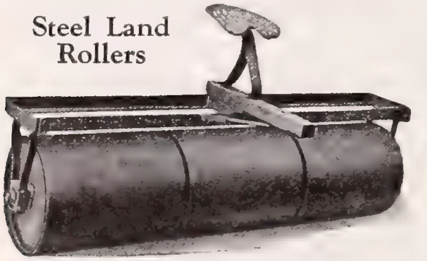
American Round Back Solid Pressed Drag Scraper

With Runners.



No. 1	7 cu. ft.	97 lbs.	$9 20
No. 2	5 cu. ft.	86 lbs.	8 80
No. 3	3 cu. ft.	76 lbs.	8 50

Steel Land Rollers

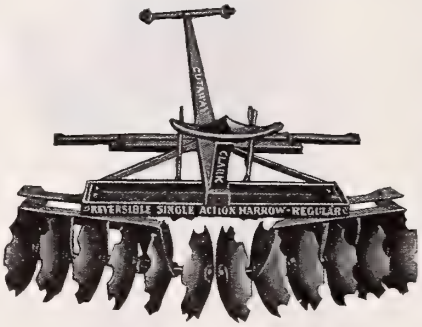


	Sec.	Lgth. ft.	Diam. in.	Wt. lbs.	
No. 105½	2	8	24	550	$39 00
No. 106½	3	8	24	585	42 25

Price does not include Doubletrees and Neck Yoke.

Doubletrees and Neck Yoke, extra, $3.75.

Clark "Cutaway" Famous Disc Harrow



Single-Action Disc Harrow

The gangs on the Clark "Cutaway" Single-Action Harrow can be swung end for end, so that the soil may be thrown either out or in. One of the outstanding features of all Clark "Cutaway" Harrows is the quality of the discs. They are made of better steel than used in ordinary harrow discs but their strength and wearing qualities are greatly increased by forging the edge and heat-treating.

Solid Discs can be furnished at same price as "Cutaway."

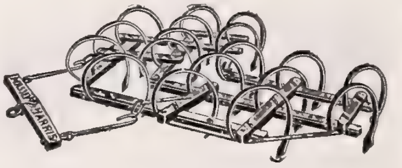
All discs on Clark "Cutaway" Harrows are guaranteed for three years against breakage.

Size	No. of Discs	Width of cut	Hitch	Diam. of Discs	
A-4	8	4-ft.	2-h.	16 in.	$45 50
A-5	10	5-ft.	2-h.	16 in.	50 75
A-6	12	6-ft.	3-h.	16 in.	57 00
A-7	14	7-ft.	4-h.	16 in.	67 50
X-4	8	4-ft.	2-h.	18 in.	49 25
X-5	10	5-ft.	2-h.	18 in.	55 75
X-6	12	6-ft.	4-h.	18 in.	67 75
Extra for Tongue Truck					10 50

Clark "Cutaway" Flexible Double-Action Tractor Harrow

This Harrow is the result of our many years' experience in building tractor disc Harrows. While the frame permits extreme flexibility on rough ground and in turning, at the same time the Harrow is very efficient and does high-class work.

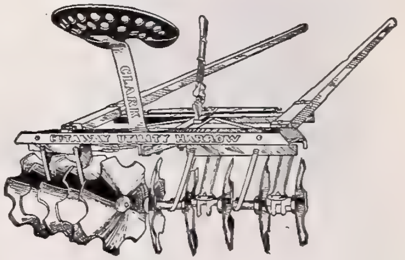
Size	Discs	Diam.	Cut	Weight	
A-6.	24	16-in.	6½-ft.	755 lbs.	$115 75
A-7.	28	16-in.	7½-ft.	860 lbs.	124 75
X-6.	24	18-in.	6½-ft.		125 25
X-7.	28	18-in.	7½-ft.		137 00



Wood-Frame Harrow, Steel-Lined

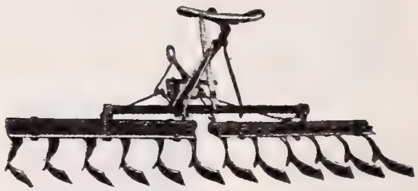
16-tooth	$17 50	22-tooth	$22 00
18-tooth	18 50	24-tooth	24 00
20-tooth	20 00		

Clark One-Horse Disc Harrow



The Clark "Cutaway" Utility Harrow has 10 14-inch discs, cuts 4 feet wide. The gangs can be reversed in the same manner as the larger Single-Action Disc Harrows described previously. Discs are of heat-treated cutlery steel with edges forged sharp. Cutout discs are regular equipment but solid discs will be furnished at the same price. 10 discs, 14-in. diam., 4-ft. cut, one-horse hitch. Weight, 200 lbs. . . . . . . $38.00 each

Nash-Acme Coulter Harrow



Flexible construction permits the Harrow section to conform more closely to the shape of the surface of the soil.

No. 12F. 12 coulters; 6½-ft. cut; 2-horse; 2-section $30.00

No. 16F. 16 coulters; 8½-ft. cut; 2-horse; 2-section $37.00

No. 6. 6 coulters; 3-ft. cut; 1-horse; 1-section $18.00

No. 8. 8 coulters; 4-ft. 4-in. cut; 1-horse; 1-section $23.00

No. 20AT. 20 coulters; 10-ft. cut; 2-section. Weight, 367 lbs. $79.00

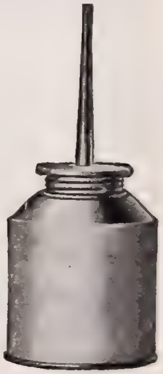
No. 24AT. 24 coulters; 13-ft. 6-in. cut; 4-section. Weight, 426 lbs. $89.00

Coulters for all . . . . . . 85 cts. each

Oil-Cans

No. 77. These Oil-cans are made from cold rolled steel and have clock spring steel bottoms. Straight or Bent Spout . . . . . 15 cts. each

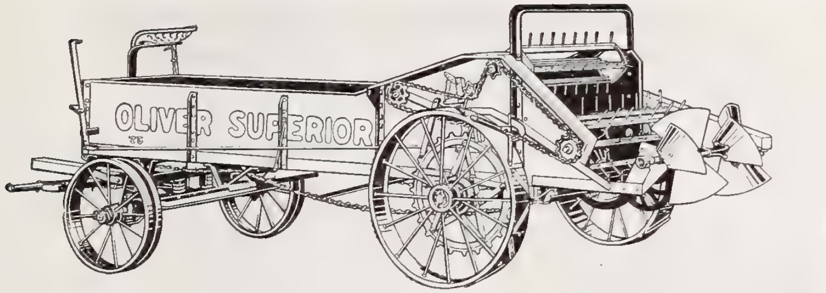
No. 620. Copperized Steel Mowing Machine Oiler. Bent or Straight Spout . . . . . 25 cts. each



Household Lubricant Oil

This very fine Oil is put up in small Oil-cans, ¼-pint sizes, very convenient to use. It is especially adapted for use on sewing machines, lawn mowers, hinges, and locks. ¼-pint cans . . . . . . 20 cts.

Oliver Farming Implements



No. 75A Oliver Superior Spreader

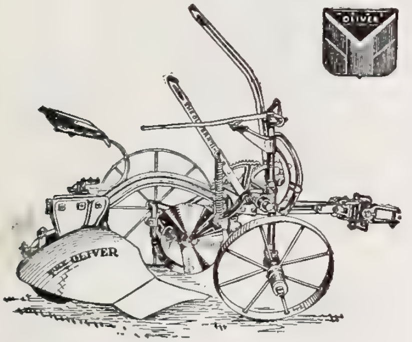
Has the biggest capacity of any Spreader, yet is easily pulled by two horses.

Exclusive features found on no other Spreader. Uses Hyatt roller-bearings.

A lime-sowing attachment can be furnished for the most efficient distribution of lime. Every desirable feature in Spreader construction has been included in the new No. 75A Oliver Superior Spreader. Write for special illustrated circular.

No. 75A. **Oliver Superior Spreader.** With either 2-horse hitch or tractor hitch, and widespread attachment	$180 00
Brake Attachment, complete	9 25
3-horse hitch instead of 2-horse hitch, add	4 50

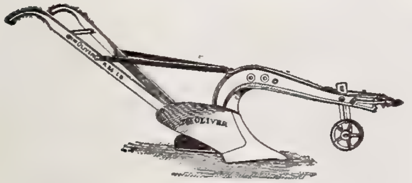
No. 11 Oliver Sulky



This Sulky is the most popular plow of its kind ever built. Turns square in-and-out corners with the bottoms cutting full width and depth. Furnished in both Right and Left Hand. Regularly equipped with Steel Evener and No. 90 Chilled Jointer and Weed Hook.

All Chilled; 12-in. Weight, 431 lbs.	$67 00
All Chilled; 14-in. Weight, 446 lbs.	68 25
Tongue and Neck Yoke, extra	4 25
Combination Rolling Coulter instead of Jointer, add	2 75
Plain Rolling Coulter instead of Jointer, add	75
Less Weed Hook, deduct	50
3-Horse Evener not taken, deduct	5 00

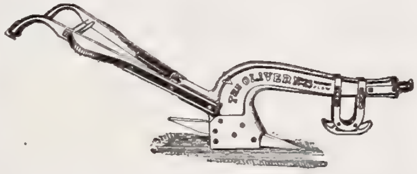
No. 24 Oliver Grading Plow



An extremely strong iron-beam Plow for road-breaking, excavating work, or the heaviest of field-work. The beam standard and frog are one piece. This Plow has a chilled mouldboard and a deep-suck cutter share.

No. 24. Iron Beam, equipped with a Gauge Iron instead of Wheel	$29 50
No. 1-78. **Syracuse Grading Plow,** with Wheel	27 75

No. 25 Oliver Pavement Plow

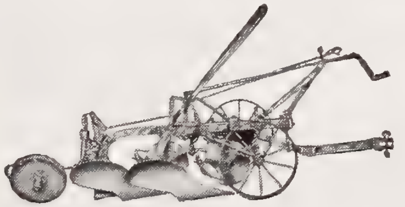


A popular Plow for tearing up macadamized roads, streets, gravel roads, etc. Built extra strong and rigid, the beam standard and handle braces are cast in one piece. The pick is both reversible and adjustable. All wearing parts are renewable.

Regularly equipped with a Gauge Iron.

No. 25. Pavement Plow	$36 00
Reversible Steel Point or Spike	4 00
No. 98. **Syracuse Pavement Plow,** with Gauge Iron	34 75

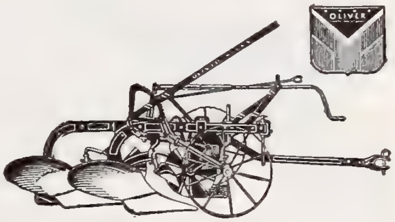
No. 109 Oliver Tractor Plow



This Tractor Gang does a fine job of covering surface trash. Operating behind light to medium-powered tractors, it will give years of dependable, trouble-free service. Adjustable frame of the No. 109 allows for an 11-, 12-, 13-, or 14-inch cut. It can be quickly changed to meet a wide variety of soil and plowing conditions.

A Rear Furrow Wheel, spring-locked to facilitate backing the Plow, is standard equipment	$96 00
Spring Release instead of regular	4 05
Spring Release as extra	6 55

No. 9-XX Adjustable Tractor Plow

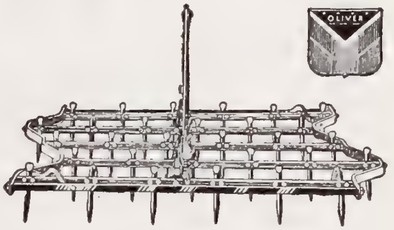


This can be set so that the bottoms will cut 11, 12, 13, or 14 inches. When the ground is hard and plowing is difficult, the bottoms can be set to cut narrow. The adjustment is made by expanding or closing the frame.

An easily operated Plow. A trip-rod for the power lift. The Oliver No. 9-XX has unusual clearance under the beams and between the bottoms	$90 00
Spring Release instead of regular	4 05
Spring Release as extra	6 55

Write for Special Circular

Oliver U.B.C. Spike Harrow

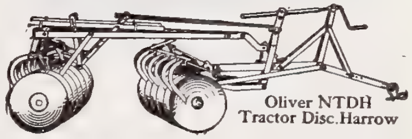


Horse Harrow

Regularly equipped with Evener Bar.

25-tooth; 1-section. Weight, 93 lbs.	$10 00
30-tooth; 1-section. Weight, 105 lbs.	11 50
50-tooth; 2-section. Weight, 195 lbs.	20 75
60-tooth; 2-section. Weight, 222 lbs.	24 00
75-tooth; 3-section. Weight, 306 lbs.	33 50
90-tooth; 3-section. Weight, 342 lbs.	37 75
Tractor hitch	3 00

Oliver Tractor Disc Harrow



Oliver NTDH Tractor Disc Harrow

Rear Weight Pans, with Rigid Scrapers, and Zerk Fittings

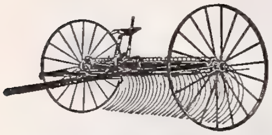
	No. of Discs	Size of Discs	Cut ft.	Weight	
NTDH-5	20	16 in.	5	647 lbs.	$95 00
NTDH-6	24	16 in.	6	738 lbs.	103 00
NTDH-7	28	16 in.	7	793 lbs.	114 00
NTDH-8	32	16 in.	8	1106 lbs.	128 00
NTDH-5	20	18 in.	5	688 lbs.	105 00
NTDH-6	24	18 in.	6	788 lbs.	114 00
NTDH-7	28	18 in.	7	848 lbs.	126 00
NTDH-8	32	18 in.	8	1170 lbs.	140 00

Harrows can be furnished with 20-inch Discs at additional cost

ALL PRICES IN CATALOG SUBJECT TO CHANGE WITHOUT NOTICE

Genuine Oliver Plows and Implements

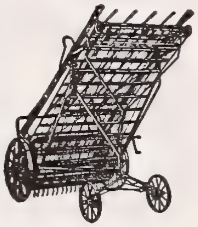
Oliver Self-Dump Hay Rake



The strong, rigid frame on the Oliver Self-dump Hay Rake cannot sag or twist. Frame is angle steel, not riveted together. It is further prevented from sagging by a heavy truss rod, which runs the entire length of the frame and supports the center of the Rake in the manner of a bridge truss.

8 ft.; 24-tooth	$49 00
9 ft.; 24-tooth	51 00
10 ft.; 32-tooth	55 00

Oliver Drop-Deck Cylinder Loader

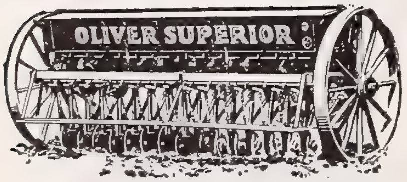


The Oliver Cylinder Hay Loader with the Drop Deck combines in one simple, sturdy machine all of the best qualities desired in a hay loader. Above everything else, it is built to clean the hay off the ground and place it on the load without shaking off the leaves which are so high in feeding value.

The curved teeth pick up all the hay in the windrow. The 8-cylinder bars, with 16 teeth to each bar, are like a multitude of small pitchforks which slide under the windrow and deliver it to the hay carrier without bunching or tearing the hay apart. The speed of the cylinder and the speed of the hay carrier are proportioned so exactly that the hay is carried in a continuous ribbon from the windrow to the load.

Single-Cylinder Loader. 6-ft.	$130 00
Two-Cylinder Loader. 6-ft.	147 00

Oliver Superior Grain Drills



The best-known Drill on the market. It can be supplied in many different sizes, so we mention only those most used.

No. 26. Fertilizer Plow fur Disc Drills or Spring Hoe, with drag chains. No seat, agitator or scrapers. With Grass Seeder.

8 x 8-in. disc; 2-horse hitch; 1 pole	$158 50
10 x 8-in. disc; 2-horse hitch; 1 pole	175 00
9 x 7-in. disc; 2-horse hitch; 1 pole	167 50
10 x 7-in. disc; 2-horse hitch; 1 pole	178 00
11 x 7-in. disc; 2-horse hitch; 1 pole	188 00
13 x 7-in. disc; 3-horse hitch; 2 poles	215 00
8 x 8-in. spring hoe; 2-horse hitch; 1 pole	153 00
10 x 8-in. spring hoe; 2-horse hitch; 1 pole	172 00
9 x 7-in. spring hoe; 2-horse hitch; 1 pole	161 00
10 x 7-in. spring hoe; 2-horse hitch; 1 pole	171 00

Large sizes can be furnished with Tractor Hitch.

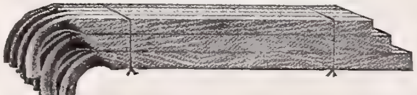
ALL PRICES IN CATALOG ARE SUBJECT TO CHANGE WITHOUT NOTICE

Genuine Oliver Chilled Plows

When Ordering Plows and Repairs State Right or Left Hand, Wood or Steel Beams

Plow Base	S. B. Plow, Plain	W. B. Plow, Plain	S. B. Comb Plow, Plain	Plain Share	Slip Share	Lands	Moulds	Steel Moulds	Steel Shares	S. B. Standard	W. B. Standard	Wood Beams
Goober	$10.25			$0.20		$0.50	$1.50			$2.25		
No. 6	9.00			.20		.50	1.45			1.50		
A-C-2	11.25			.28		.55	1.60			2.25	$2.80	$3.85
B-C-N	14.00	$13.50		.37		.75	2.05			2.35	3.20	3.85
10-N	16.00	16.00		.42	$0.57	.80	2.25			3.00	3.20	3.85
13-N	18.00	18.00	$20.00	.51	.66	.95	3.00	$6.00	$2.75	3.25	3.55	3.85
19-N	19.00	19.00	21.00	.55	.70	1.00	3.25	6.75	3.00	3.25	3.95	4.15
20-N	21.00	21.00	23.50	.60	.75	1.05	3.40	7.75	4.00	3.50	4.15	4.15
E-I-N		24.00		.70	.85	1.10	3.75				4.50	4.15
30				.55		1.10	3.75					
40-N	23.50	23.50		.70	.85	1.10	3.75			3.75	4.70	4.15
40-XX		26.00		.85		1.10	4.60				4.70	4.95
82-N	21.00			.75	.90	1.45	4.00			4.75		
83-N	23.00			.85	1.00	1.45	4.50			4.80		
84-N-12 in.	24.50			.85	1.00	1.45	5.00			4.80		
84-14 in.				.95		1.45	5.00			4.80		
91				.85	1.00	1.45	5.00			4.80		
512 Hillside	25.00			.80		1.10	3.75			6.25		
513 Hillside	25.50			.85		1.10	4.10			6.25		
524 Hillside	23.50			.85		1.10	4.10			8.25		
A-2				.23		.55	1.60			2.65	2.90	
3-X				1.00		1.60	5.80					
98		23.50		.55		1.45	4.75				6.00	4.15
99				.55		1.45	5.00					
F-905-A Short						.55						
F-926-A Long						1.20						
NC-23-12 in. Q. D.				1.30					2.75			
NC-23-14 in. Q. D.				1.50					3.00			
NC-23-16 in. Q. D.				1.80					3.50			
NC-3-18 in. Q. D.				1.90					4.25			

Plow Handles (Dressed)



	Per Pair
1⅛ x 2 in.; 5 ft. long	$0 52
1¼ x 2¼ in.; 5 ft. long	60
1¼ x 2¼ in.; 6 ft. long	70
1½ x 2⅜ in.; 5 ft. long	80
1⅛ x 2 in.; Side Bend	60

Repairs to Fit South Bend Plows

	Shares	Lands	Moulds	Slip Shares
No. B1	$0.30	$0.56	$1.70	$0.41
No. B1X	.34	.56	1.70	.45
No. 2	.38	.75	2.25	.50
No. 2X	.41	.75	2.25	.53
No. 2F	.38	.75	2.45	.50
No. 2½	.45	.83	2.63	.56
No. 2½X	.50	.83	2.63	.60
No. 2½F	.45	.83	2.81	.56
No. 3	.50	.94	3.00	.60
No. 3X	.53	.94	3.00	.65
No. 3F	.50	.94	3.20	.60
No. R4X	.60	1.01	3.26	.75
No. 10	.60	1.01	3.56	.75
No. 10X	.65	1.01	3.56	.78
No. 15i	.85	1.45	5.00	1.00
No. 63X	.23	.53	1.50	

Jointer Points, 25c. Jointer Moulds, 25c. Bolts, 4c.

Bolts

Share	$0 05
Mould and Land	05
Main Beam	15
Back Beam	10

Oliver Coulters

11-in. Coulter	$5 30
13-in. Coulter	5 60

("Moon" Coulters, see page 95.)

Clevises

Wood Beam:	
A, for A-B-10 Plow	$0 25
B, for 13-19-20 Plow	60
D, for 40 Plow	1 10
CY872 Cross Clevis	30
Steel Beam:	
No. 2, for A-C, B-C Plow	95
No. 90A, for 10-13-19-20 Plow	1 30
No. 91, for 40 Plow	1 45
CY934 Cross Clevis	35
WP38 Cross Clevis	40
WP39 Cross Clevis	55
WOOD HANDLES. (Single)	85
Handle Rounds, each	10
Sets, all numbers up to 10	2 20
Sets, all numbers, 13 and above	2 75

(State if old or new-style Handles.)

Wood or Steel Beam

Wheels and Parts

Complete, A to 13 Steel Beam	$1 95
Complete, 19 to 84 Steel Beam	2 20
Complete, A to 13 Wood Beam	1 65
Complete, 19 to 40 Wood Beam	2 50
Standards, one-horse, straight	1 00
Standards, two-horse, arch	2 20
Wheels only, one-horse	55
Wheels only, two-horse	85
Wheel hub	25
Wheel-hub bolt	05

Jointer and Parts

Steel Beams, 10 and 13	$3 85
Steel Beams, 19 to 40	4 95
Wood Beams, 10 and 13	3 60
Wood Beams, 19 to 40	4 40
Jointer Points	20
Jointer Moulds	40

Chilled and Cast Plows and Parts

Genuine Syracuse Plows and Repairs

		Beam	Plain Plow	With Wheel	With Wheel and Jointer	Plain Share	Heavy Share	Coulter or Slip Share	Land-side	Moulds
No. 1-78 Regular	R. H.	Iron	$18.75	$20.15	$23.40	$0.65	$0.80	$0.80	$0.97	$4.31
No. 1-78 Contractor	R. H.	Iron		27.75			.80		1.55	5.75
No. 2-78	R. H.	Iron	17.25	18.65	21.90	.60	.75	.75	.88	3.50
No. 10-78	R. H.	Iron	21.50	22.90	26.15	.71		.86	1.08	4.68
No. 15	R. H.					1.05		1.20	2.00	6.25
No. 20-78	L. H.	Iron	18.75	20.15	23.40	.65	.80	.80	.88	4.00
No. 30-78	L. H.	Iron	21.75	23.15	26.40	.70	.85	.85	1.02	4.30
No. 35	L. H.					1.10		1.25	2.00	6.25
No. 50	R. H.	Wood	9.50	11.00	14.10	.35			.63	1.87
No. 51	R. H.					.43		.58	.75	2.25
No. 52	R. H.	Wood	13.75	15.25	18.35	.43		.58	.82	2.50
No. 53	R. H.	Wood	16.00	17.50	20.60	.48		.63	.93	3.00
No. 54	R. H.					.75			1.40	4.50
No. 56A	R. H.					.80		.95	1.55	5.00
No. 95	L. H.					.60		.75	1.02	3.30
No. 96	L. H.					.65		.80	1.10	3.45
No. 97	L. H.					.70		.85	1.20	3.55
No. 361	L. H.					.70			1.02	3.80
No. 362	L. H.					.65			1.02	3.45
No. 363	L. H.					.65			.97	3.15
No. 501	L. H.	Wood	20.60	22.10	26.00	.70	.85	.85	1.38	5.50
No. 502	L. H.	Wood	19.60	21.10	25.00	.65	.80	.80	1.38	5.00
No. 503	L. H.					.65		.80	1.30	3.40
No. 601	R. H.	Wood	20.60	22.10	26.00	.70	.85	.85	1.38	5.50
No. 602	R. H.	Wood	19.60	21.10	25.00	.65		.80	1.38	5.00
No. 603	R. H.	Wood	16.40	17.90	21.80	.65		.80	1.30	3.40
No. 1361	L. H.	Steel	20.60	22.00	25.90	.70		.85	1.02	3.80
No. 1362	L. H.	Steel	19.60	21.00	24.90	.65		.80	1.02	3.45
No. 1363	L. H.	Steel	16.40	17.80	21.70	.65		.80	.97	3.15
No. X1341 Q. D.	L. H.					.75		.90		5.25
No. X1342 Q. D.	L. H.					.70		.85		4.75
No. X1441 Q. D.	R. H.					.75		.90		5.25
No. X1442 Q. D.	R. H.					.70		.85		4.75

Shares interchangeable (361, 501, 1361 series) (461, 601, 1461 series).
Landsides interchangeable (361, 1361 series).

Jointer Points	$0 20	Wheels only	$0 65
Jointer Moulds	75	Wheel Axle	30
Slip Noses	15	Wheel only, complete with Axle, Sand Cap, etc.	1 25

Wiard Genuine Parts

We still have some of these at factory list.

Wiard Repairs (Not Genuine)

	Shares	Slip Shares	Lands	Solid Lands	Moulds	Shoes	Shins
27-28	$0.65	$0.75	$1.30	$1.40			
80-81	.65	.75	.85	1.40	$4.00	$0.60	$0.50
103-104	.65	.75	1.00	1.45	4.00	.60	.50
106	.70	.80	1.00	1.45	4.50	.60	.50
70-71-90-91	.65						
25-26	.65						
43-44	.65						
115-120	.75						
116	.80						
126	.80						

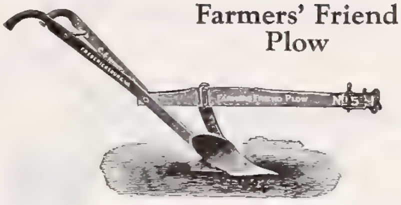
Wheels only	$0 65	Wheel Bolts	$0 06	Jointer Points	$0 20
Wheel Spindles	20	Wheel Sand Cap	05	"W" Slip	15

Massey-Harris Repairs for Plows

(Formerly Case)

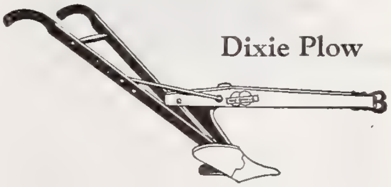
PLOW	Cast-share Brand	Price	Steel-share Brand	Prices	
				Solid	Hard
480½ GEX	GM 0	$1.40	10 G	$2.50	$4.25
482½ GEX	GM 2	1.60	12 G	3.00	4.75
484½ GEX	GM 4	1.80	14 G	3.50	5.50
510½ GPX	GP 0	1.40	GP 10	2.50	4.25
512½ GPX	GP 2	1.60	GP 12	3.00	4.75
514½ GPX	GP 4	1.80	GP 14	3.50	5.50
SG 12	SG 2	1.60	SG 12	3.00	4.75
SG 14	SG 4	1.80	SG 14	3.50	5.50
SG 16	SG 6	2.00	SG 16	4.50	6.00

ALL PRICES IN CATALOG SUBJECT TO CHANGE WITHOUT NOTICE



Farmers' Friend Plow

No. ½	$5 50
No. 5	5 50
Plain Castings, per lb.	06½
Polished Castings, per lb.	08½



Dixie Plow

"Boy" Dixie	$4 25
No. X	5 50
No. I	6 00
No. II	8 00
Plain Castings, per lb.	06½

White's Clipper Plow

No. 2. Cast; 1-horse	$5 50
No. 12. Cast; 2-horse	8 50
Castings for Clipper Plow, per lb.	06½
Polished Castings, per lb.	08¼

Champion Plow

No. "Girl"	$5 35
No. A	5 85
Castings, Plain, per lb.	06½
Castings, Polished, per lb.	08½

Lynchburg Plows and Repairs

No.	Plows	Shares	Slip Shares	Lands	Moulds
2	$7.75	$0.20		$0.42	$1.35
6X	10.00	.28	$0.38	.51	1.50
27X	15.50	.51	.65	.88	2.75
42	17.75	.60	.75	.97	3.15
52	20.50	.70	.80	1.02	3.45
37X		.55	.70	.92	3.00

Repairs to Fit Chattanooga Plows

	Shares	Lands	Moulds
No. 44	$0.51	$0.92	$2.75
No. 62	.23	.51	1.40
No. 63	.42	.78	2.10
No. 64 R. & L.	.51	.92	2.75
No. 65 R. & L.	.60	1.06	3.15
No. 66 R. & L.	.65	1.06	3.30
No. 70	.23	.51	1.35
No. 71	.28	.51	1.40
No. 72	.28	.51	1.50

R. H. 65 Slip Shares	$0 78
CP4166 Slips for same	15

Repairs to Fit International Plows

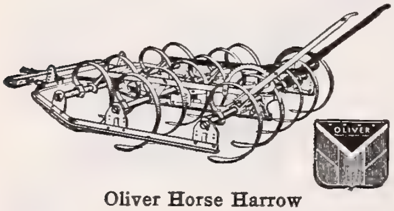
Shares		Lands	
6002 R. H.	$0 80	6021 R. H.	$1 40
6007 R. H.	85	6022 L. H.	1 40
6027 L. H.	80	6001 M. R. H.	93
6028 L. H.	85	6001 R. H.	56
Moulds		Moulds	
CP6008 R. H.	$4 65	CP6103 L. H.	$4 65
CP6009 R. H.	4 90	CP6104 L. H.	4 90

Jointer Points	25
Shins	60

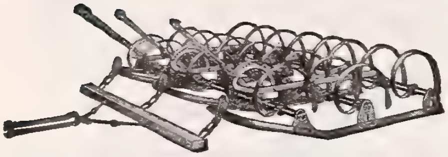
South Bend Repairs, see page 92

Oliver Farming Implements

Oliver Spring-Tooth Harrow



Oliver Horse Harrow

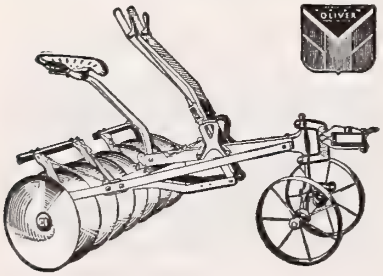


Oliver PE 3-Section Tractor Harrow

These are very strong and rugged implements well fitted for the hard work of spring-toothing. An inverted T-bar frame shod with a thick steel runner gives great strength and durability. Furnished with horse or tractor hitch. The levers are reversible and are set on the rear of the sections for horse use and on the front for tractor use.

HORSE HARROWS

9-tooth, with Handles and Singletree; 3-ft. cut. Weight, 163 lbs.	$17 50
15-tooth; 2-section, with Draw Bar; 5 ft. 6-in. cut. Weight, 240 lbs.	25 50
17-tooth; 2-section, with Draw Bar; 5 ft. 10-in. cut. Weight, 253 lbs.	27 00
23-tooth; 3-section, with Draw Bar; 8 ft. 4-in. cut. Weight, 362 lbs.	38 50
25-tooth; 3-section, with Draw Bar; 8 ft. 8-in. cut. Weight, 375 lbs.	40 50



Oliver HDH Disc Harrows Single and Double

Single-Disc Harrows

Regularly equipped with hard Oil-cups, rigid Scrapers, 2- or 3-horse Evener, Seat, Rigid Pole, and Neck Yoke.

	No. of discs	Cut ft.	Size of discs	Weight	
HDH-4	8	4	16 in.	331 lbs.	$46 00
HDH-5	10	5	16 in.	377 lbs.	49 50
*HDH-6	12	6	16 in.	446 lbs.	54 50
HDH-4	8	4	18 in.	355 lbs.	49 20
HDH-5	10	5	18 in.	395 lbs.	53 00
*HDH-6	12	6	18 in.	471 lbs.	59 00
Foretruck in place of Tongue, add					8 40

*Equipped with Offset Irons and 3-horse Eveners.

Double-Disc Harrows

Write for prices

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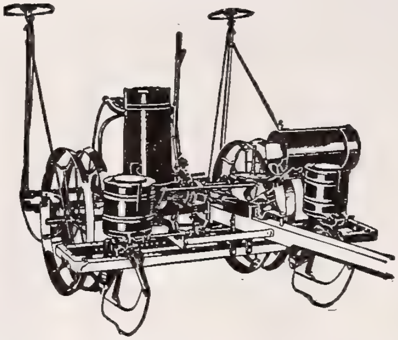
New 9C Variable Drop Oliver Superior Planters

Edge-drop furnished



The Superior Variable Drop Device plants 2, 3, or 4 kernels per hill. You can change from one to the other at will, without changing plates or making adjustments. By means of a hand-lever you can make the change instantly without stopping the team.

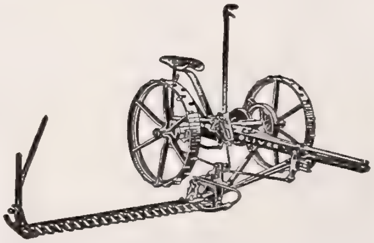
Oliver 9C Corn Planters are adjustable for 30- to 48-inch row widths. They may be secured as Check-Row Planters, Drills, or with Automatic Hill-Drop Device to plant hills from 28 to 76 inches apart in the row. Wheels, 30-inch open wheel regular; closed wheel optional. Plate equipment: Edge or Flat Drop as ordered.

Each Planter, equipped with three sets, for small, medium or large kernels. Special plates for beans, cowpeas, beet seed, grain sorghums, sweet corn, peanuts, and practically all other kinds of seed are available. Center reel with new, positive clutch standard.

Pole arranged for either Toggle or Ring Neck Yoke. Neck Yoke and Doubletrees furnished as extra equipment.

No. 9C. Runner Planter with Check Wire, Automatic Drag Marker, less Trees and Yoke	$87 50
No. 9C. Runner Planter, no Check Wire, Automatic Drag Marker, less Trees and Yoke	72 00
No. 9C. Disc Planter, with Check Wire, Automatic Drag Marker, less Trees and Yoke	90 00
Fertilizer Attachment, add	27 00
Doubletrees and Neck Yoke	3 75

The Oliver Clip-Cut Mower



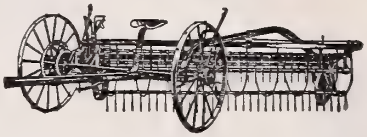
The Oliver Clip-Cut Mower is of the "Big Frame" type. The first real new Mower in 75 years. An all-purpose Mower—its work is equally satisfactory in alfalfa, timothy, soy beans, lespedeza, and other crops. All gears fully enclosed, running in oil, and back of the axle to take the weight off the horses' necks.

Dustproof, oil-tight housings. Oliver Clip-Cut runs in oil and has Universal Cutter Bar.

Don't be misled but buy an **Oliver Clip-Cut** now.

No. 114. Vertical Lift. 4½-ft.	$94 00
No. 114. Vertical Lift. 5-ft.	95 50

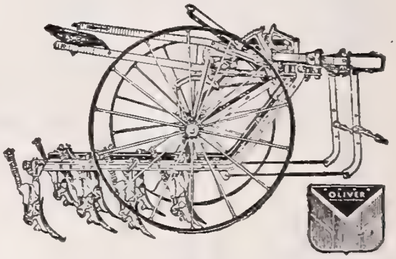
Oliver Side-Delivery Rake and Tedder



Curing hay in airy windrows made with the Oliver Side-delivery Rake makes a higher quality hay. This Rake can instantly be converted to a Tedder merely by shifting a lever.

No. 1-B. 8-ft.; 48-tooth	$128 00

No. 35 Oliver Cultivator



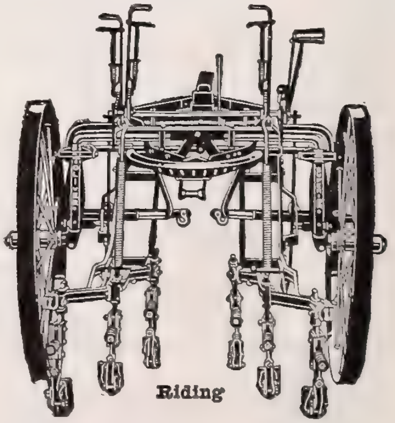
This Cultivator is built short and sturdy and the hitch is close and direct. The gangs extend back only a short distance beyond the wheels. This eliminates dipping and side-slipping.

A new and improved Cultivator, better designed, more permanently constructed, easier operated.

CRO35. 6-shovel; pin break; open sleeve; round shank	$59 00
DRO35. 6-shovel; spring trip; open sleeve; round shank	64 50
NRPO35. 8-shovel; pin break; open sleeve; round shank	61 00
NRPSO35. 8-shovel; spring trip; open sleeve; round shank	68 50

Oliver Superior Cultivators

Famous Buckeye

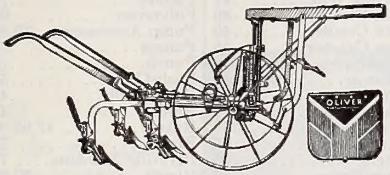


For 28- to 48-in. rows. Round shank; open sleeve.

No. 956½. 6-shovel; pin	$59 00
No. 957½. 6-shovel; spring trip	64 50
No. 958½. 8-shovel; pin	61 00
No. 959½. 8-shovel; spring trip	68 50

Bolts, Pea Guards and Sprayers

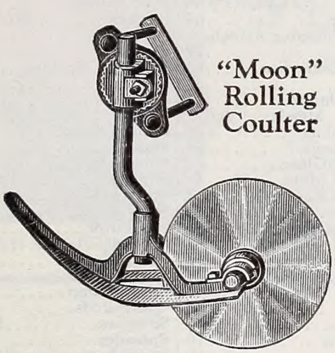
No. 2 Oliver Improved Cultivator



A popular and well-established favorite where either large or small acreages of cultivated crops are raised. Easy on the man because of the great ease with which it is handled. Easy on the horses because of light draft, and there is no neck weight.

No. 2 FEC. Improved 6-shovel; spring-trip gangs; pipe beam......	$50 50
No. 2 FO. Improved 4-shovel; spring-trip gangs; pipe beam...........	46 50
No. 2 HO. Improved 6-shovel; pin-break gangs; pipe beam..........	45 00

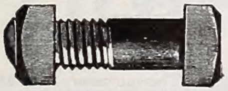
"Moon" Rolling Coulter



The shoe presses down all weeds and trash and holds same firmly while being cut by the Coulter.

No. 1. 8-in. disc...................	$4 25
No. 2. 10-in. disc..................	4 75
No. 3. 12-in. disc..................	5 50

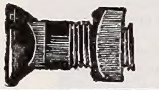
Machine Bolts



Length	PRICE PER 100				
	¼	5/16	⅜	7/16	½
1¼-in........	$1.10	$1.60	$2.15	$3.70	$4.30
1½-in........	1.15	1.70	2.30	3.85	4.50
2 -in........	1.30	1.95	2.55	4.10	4.85
2½-in........	1.50	2.15	2.80	4.40	5.15
3 -in........	1.65	2.35	3.10	4.65	5.50
3½-in........	1.80	2.55	3.35	4.95	5.85
4 -in........	2.15	2.75	3.60	5.25	6.20
4½-in........	2.30	3.10	3.85	5.55	6.55
5 -in........	2.45	3.30	4.20	5.85	6.90
5½-in........	2.60	3.50	4.45	6.15	7.25
6 -in........	2.75	3.70	4.70	6.45	7.60
6½-in........	3.80	5.10	6.50	9.20	10.15
7 -in........	4.00	5.35	6.85	9.65	10.60
7½-in........	4.15	5.55	7.15	10.10	11.05
8 -in........	4.35	5.80	7.50	10.55	11.50
8½-in........	4.50	6.00	7.80	11.00	11.95
9 -in........	4.70	6.25	8.15	11.45	12.40
9½-in........	4.85	6.45	8.45	11.95	12.85
10 -in........	5.05	6.70	8.80	12.35	13.30
11 -in........	5.40	7.15	9.50	13.20	14.70

All ¼-in. Bolts 100 to package; others 50 to package.

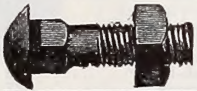
Plow Bolts



Length	Nos. 1, 2, 3, and 7 Price per 100			4, 5, 6, and 8 Price per 100		
	⅜	7/16	½	⅜	7/16	½
1¼-in......	$2.75	$3.75	$5.25	$3.35	$4.50	$6.20
1½-in......	2.90	4.00	5.50	3.50	4.75	6.45
1¾-in......	3.05	4.25	5.75	3.65	5.00	6.70
2 -in......	3.20	4.50	6.00	3.80	5.25	6.95
2¼-in......	3.35	4.75	6.30	3.95	5.50	7.25
2½-in......	3.50	5.00	6.60	4.10	5.75	7.55
2¾-in......	3.75	5.30	6.90	4.35	6.05	7.85
3 -in......	4.00	5.65	7.25	4.60	6.40	8.20
3½-in......	4.90	6.45	7.65	5.50	7.20	8.60
Add for L. H. Thread..	.40	.55	.75	.40	.55	.75

All Plow Bolts 50 to package.

Carriage Bolts



Length	PRICE PER 100				
	¼	5/16	⅜	7/16	½
1¼-in........	$1.00	$1.50	$1.95	$3.25	$4.00
1½-in........	1.05	1.55	2.05	3.40	4.15
2 -in........	1.20	1.75	2.30	3.65	4.45
2½-in........	1.35	2.00	2.55	3.95	4.80
3 -in........	1.50	2.20	2.80	4.25	5.15
3½-in........	1.65	2.40	3.10	4.55	5.50
4 -in........	2.00	2.60	3.35	4.85	5.85
4½-in........	2.15	2.95	3.60	5.15	6.20
5 -in........	2.30	3.15	3.95	5.45	6.55
5½-in........	2.45	3.35	4.20	5.80	6.95
6 -in........	2.60	3.55	4.45	6.15	7.35
6½-in........	3.65	4.90	6.30	8.25	9.75
7 -in........	3.85	5.15	6.65	8.70	10.20
7½-in........	4.00	5.35	6.95	9.15	10.65
8 -in........	4.20	5.60	7.30	9.60	11.10
8½-in........	4.35	5.80	7.60	10.05	12.05
9 -in........	4.55	6.05	7.95	10.50	12.50
9½-in........	4.70	6.25	8.25	10.95	12.95
10 -in........	4.90	6.50	8.60	11.40	13.40
11 -in........	5.25	6.95	9.30	12.25	14.30

All ¼-in. Bolts 100 to package; others 50 to package.

Gould's "Fruitall" Spray Pump

All Working Parts Bronze

The Fruitall Sprayer is first class in every respect, while the simplicity of its design allows it to be sold at a very reasonable price. The Sprayer is held in place in the barrel by an adjustable clamp at the top fitting over the end of a stave, and an anchor at the bottom of the barrel.

The Plunger is 2 inches in diameter; stroke, 4 inches.

Pump only with Agitator and Hose Couplings. List Price............$19.70 each
Our Special Price............$12.25 each

Outfit A. Pump with Agitator, Hose Bands and Couplings, and one Mistry Jr. Nozzle for one lead of hose, but without Hose.
List Price ....$22.04 each
Our Special Price...........$13.70 each

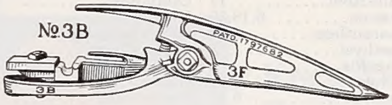
Outfit B. Pump with Agitator, Hose Bands and Couplings, and one Mistry Jr. Nozzle and 15-foot lead No. 1 Spray Hose.
List Price ....$25.62 each
Our Special Price............$15.95 each

Outfit C. Pump with Agitator, Hose Bands and Couplings, and one Mistry Jr. Nozzle, one 15-foot lead No. 1 Spray Hose, fitted in barrel. List Price ....$35.62 each
Our Special Price ....$20.95 each

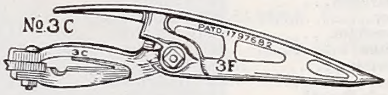
Outfit D. Pump with Agitator, Hose Bands and Couplings, and one Mistry Jr. Nozzle, one 15-foot lead No. 1 Spray Hose, 8-foot Iron Extension Rod with Brass Stop-Cock, fitted in barrel. List Price ..$38.20 each
Our Special Price............$22.60 each

Pea Guards

The new Pea Guards are of the latest improved type, and embody the self-cleaning joint.

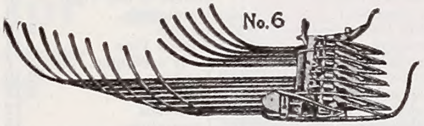


No. 3B. Recommended for medium and long crops, also for use on rough, stony, sandy, and very loose soil. The 3B Arm is attached under the mower guard and protects the cutter-bar.................$1.15



No. 3C. Recommended for even soil and short crops, as it allows the sickle to cut closer to the ground...............$1.15

Green Pea Harvester



No. 6 Green Pea Harvester is made in sizes 4½-, 5-, 6-, and 7-foot. It works successfully in green peas, delivering the crop in the center, which allows the horses and wheels to run on each side of the windrow $10.50

Gould's Pomona Spray Pump

All Working Parts Solid Bronze

A good Barrel Sprayer that will meet every requirement for small orchards of a few acres.

The pump has a steel air chamber, extending from top of pump to valve chamber, making it easy to get up sufficient pressure to continue spraying for some time after pumping has stopped. It is equipped with a long adjustable handle. The pump may be placed in any length barrel, as the barrel plate is adjustable. The agitator is simple, very effective. Outside packed plungers. No. leather packings.

The plunger is 2½ inches in diameter; stroke adjustable to 3, 4, and 5 inches; ½-inch hose discharge.

Pump only with Agitator and Hose Couplings. List Price............$35.20 each
Our Special Price............$22.00 each

Outfit A. Pump with Agitator, Hose Bands and Couplings, and one Mistry Jr. Nozzle for one lead, but without Hose. List Price, $37.52. Our Special Price ....$23.45 each

Outfit B. Pump with Agitator, Hose Bands and Couplings, one Mistry Jr. Nozzle and 15-foot lead No. 1 Spray Hose.
List Price ....$41.12 each
Our Special Price ....$25.70 each

Outfit C. Pump with Agitator, Hose Bands and Couplings, one Mistry Jr. Nozzle, one 15-foot lead No. 1 Spray Hose, fitted in barrel. List Price...........$51.12 each
Our Special Price............$30.70 each

Outfit D. Pump with Agitator, Hose Bands and Couplings, one Mistry Jr. Nozzle, one 15-ft. lead No. 1 Spray Hose, 8-foot Iron Extension Rod with Brass Stop-Cock, fitted in barrel. List Price....$53.76 each
Our Special Price ....$32.35 each

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J. Horace McFarland Company, Horticultural Printers, Harrisburg, Pa.

PRINTED IN U. S. A.

G. & T. Co.'s *Special* ROSE OFFER

Note:

We do not handle processed or paraffined Roses. See page 25 for our GENERAL ROSE LIST.

Caledonia

Talisman

An Unusual Offer

of Hybrid Tea Roses grown specially for the GRIFFITH & TURNER COMPANY.

Mrs. E. P. Thom

Keep Your Roses

growing vigorously with our Special Rose-Food, which also helps to control root-pests.

Red Radiance

5 Everblooming Roses for $2

(Dormant Stock.) One each of the following 5 varieties:

Caledonia
Radiance (pink)
Talisman
Mrs. E. P. Thom
Red Radiance

Due to the large quantities of these Roses which we have had grown, we are able to offer this collection for $2.

These Roses are strong, budded, 2-year-old, field-grown plants, wrapped with damp moss and burlap. They are the same high-quality stock as the Roses offered in our general list on page 25. Dormant stock of Roses can be supplied from March 15 to May 1.

Radiance

THREE *fine* LILIES

ANOTHER UNUSUAL VALUE

G. & T. CO.'S COLLECTION of Select Lilies for spring planting. 6 Hardy Garden Lilies (2 each of the following varieties) for $1.25

Henryi (8 to 9 in.).
Regale (7 to 8 in.).
Speciosum magnificum (9 to 11 in.).

These are three of the finest Hardy Garden Lilies, and should be in every home-garden. They are easily grown and come into bloom early in the summer.

See page 21 for our general list of Selected Lilies.

Lilies will be ready for delivery from March 15 through April.

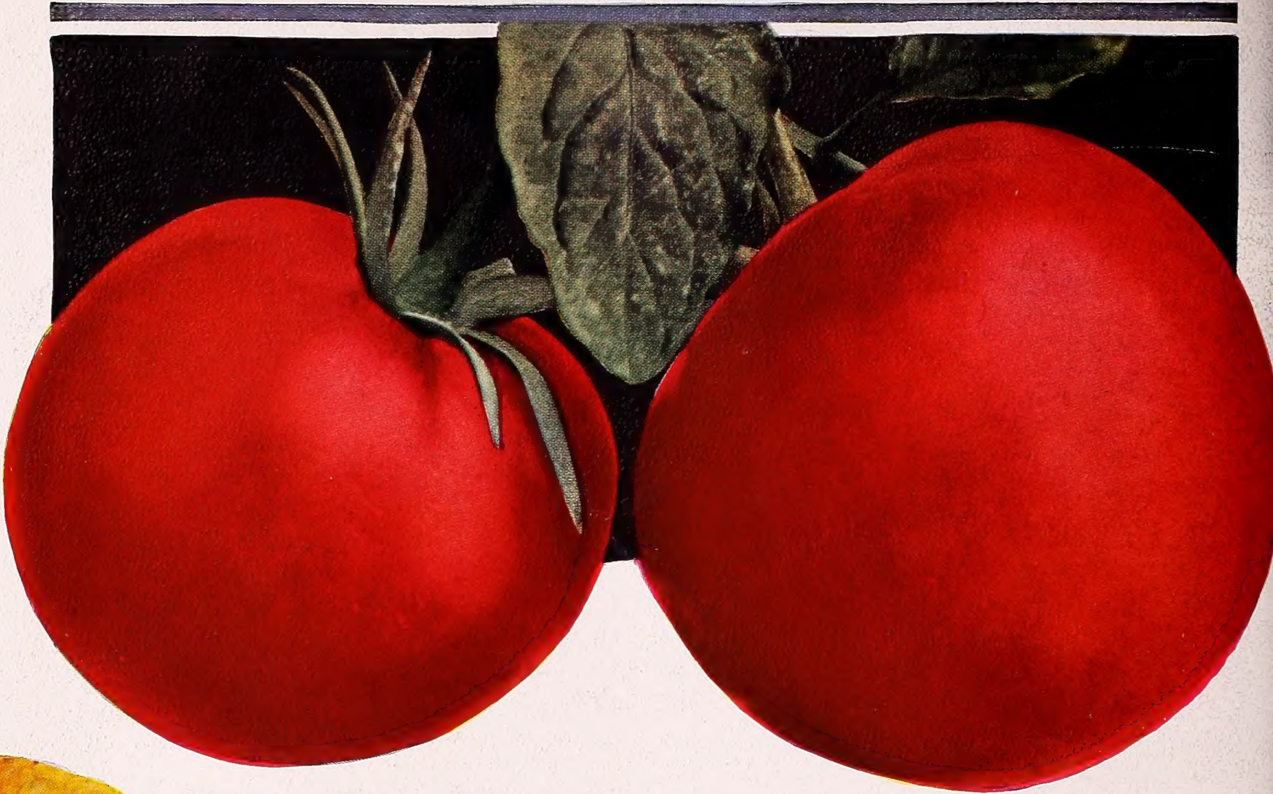
Lilium speciosum magnificum

Lilium regale

Lilium Henryi

1936

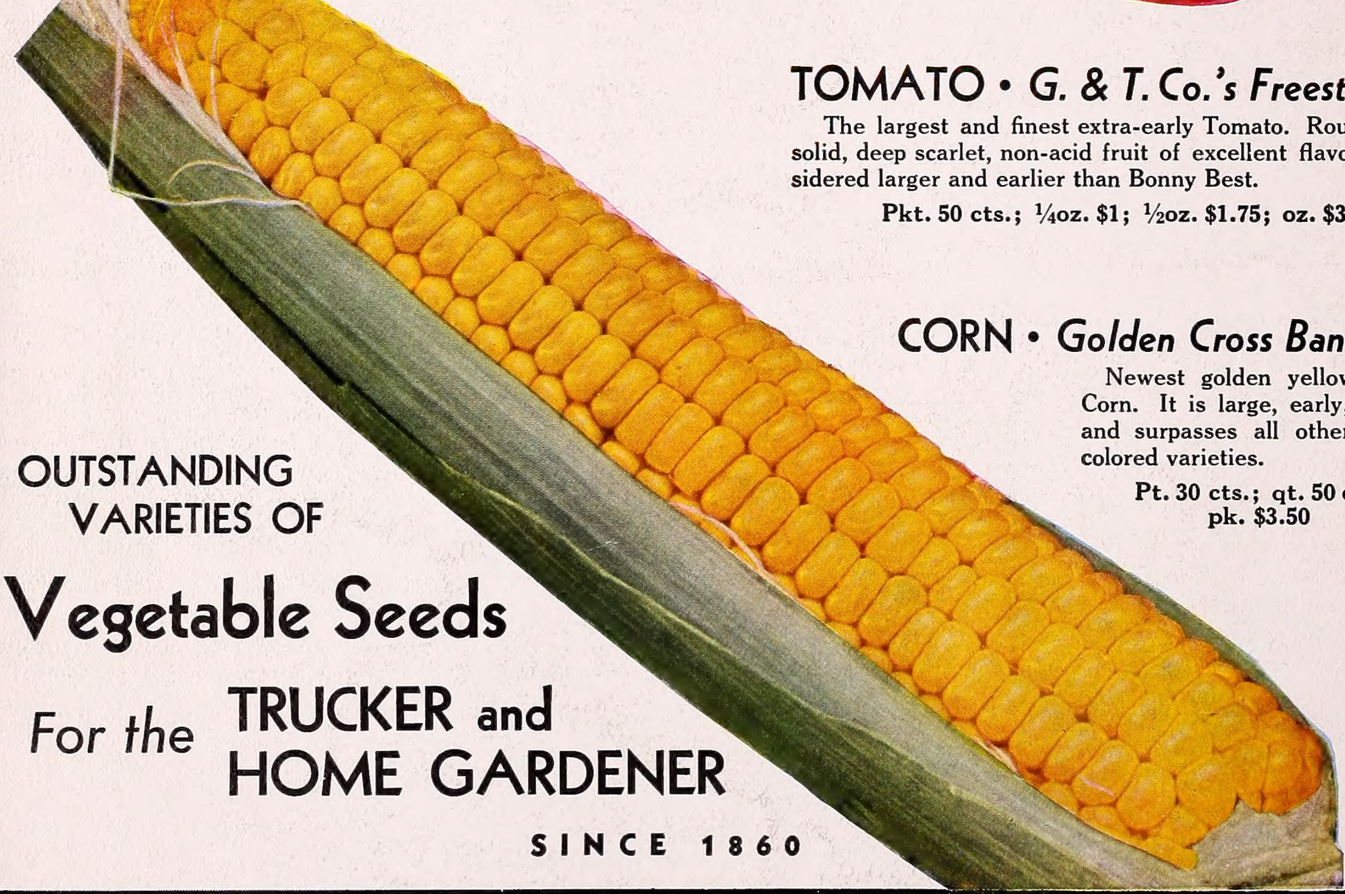
Catalogue
No. 49



TOMATO • *G. & T. Co.'s Freestate*

The largest and finest extra-early Tomato. Round, very solid, deep scarlet, non-acid fruit of excellent flavor. Considered larger and earlier than Bonny Best.

Pkt. 50 cts.; ¼oz. $1; ½oz. $1.75; oz. $3



CORN • *Golden Cross Bantam*

Newest golden yellow Sweet Corn. It is large, early, prolific, and surpasses all other golden colored varieties.

Pt. 30 cts.; qt. 50 cts.
pk. $3.50

OUTSTANDING
VARIETIES OF

Vegetable Seeds

For the TRUCKER and HOME GARDENER

SINCE 1860

GRIFFITH & TURNER CO.

BALTIMORE, MARYLAND